

SERVICE MANUAL

COMPACT DISC
STEREO SYSTEM

BASIC TAPE MECHANISM : ZZM-3 PR1NM /
6ZM-3 PR2NM
BASIC CD MECHANISM : AZG-1 ZD8RDM

SYSTEM	CD CASSEIVER	SPEAKER	REMOTE CONTROLLER
NSX-SZ30	CX-NSZ30	SX-NSZ52	RC-ZAS02
NSX-SZ30E	CX-NSZ30E		

SYSTEM	TAPE MECHANISM	CD MECHANISM
NSX-SZ30	6ZM-3 PR2NM	AZG-1 ZD8RDM
NSX-SZ30E	ZZM-3 PR1NM	

- This Service Manual is the "Supplement" and replaces "Simple Manual" (S/M Code No. 09-001-423-3T2).
- This Service Manual contains information about the difference between NSX-SZ30 (HR)/SZ30E (HA) and NSX-SZ20 (HR)/SZ20E (HA). If requiring the other information, see Service Manual of NSX-SZ20/21/20E (HR,LH,HA) (S/M Code No. 09-005-423-4R3).
- If requiring information about the CD mechanism, see Service Manual of AZG-1, (S/M Code No. 09-001-335-3N6).

aiwa

S/M Code No. 09-005-423-3S2

SUPPLEMENT
DATA

SPECIFICATIONS

<FM tuner section>

Tuning range	87.5 MHz to 108 MHz
Usable sensitivity (IHF)	13.2 dBf
Antenna terminals	75 ohms (unbalanced)

<AM/MW tuner section>

Tuning range	531 kHz to 1602 kHz (9 kHz step) 530 kHz to 1710 kHz (10 kHz step)
Usable sensitivity	350 µV/m
Antenna	Loop antenna

<SW tuner section> <HR only>

Tuning range	5.730 MHz to 17.900 MHz
Usable sensitivity	40 µV (IEC)
Antenna	Wire antenna

<Amplifier section>

Power output	HR: Rated: 40 W + 40 W (6 ohms, THD 1%, 1 kHz) Reference: 50 W + 50 W (6 ohms, THD 10%, 1 kHz) HA: Rated: 65 W + 65 W (6 ohms, THD 1%, 1 kHz) Reference: 80 W + 80 W (6 ohms, THD 10%, 1 kHz)
Total harmonic distortion	HR: 0.08% (25 W, 1 kHz, 6 ohms, DIN AUDIO) HA: 0.05% (40 W, 1 kHz, 6 ohms, DIN AUDIO)
Inputs	VIDEO/AUX: 500 mV HR only: MIC: 1.0 mV (10 K ohms)
Outputs	SPEAKERS: accept speakers of 6 ohms or more PHONES (stereo jack) : accepts headphones of 32 ohms or more

<Cassette deck section>

Track format	4 tracks, 2 channels stereo
Frequency response	50 Hz – 15 kHz
Recording system	AC bias
Heads	Deck 1 : Playback head x 1 Deck 2 : Recording/Playback head x 1, erase head x 1

<Compact disc player section>

Laser	Semiconductor laser ($\lambda = 780$ nm)
D-A converter	1 bit dual
Signal-to-noise ratio	85 dB (1 kHz, 0 dB)
Harmonic distortion	0.05 % (1 kHz, 0 dB)

<Speaker system SX-NSZ52>

Speaker system	3 way, bass reflex (magnetic shielded type)
Speaker units	Woofer: 140 mm cone type Tweeter: 60mm cone type Super tweeter: 20 mm ceramic type
Impedance	6 ohms
Output sound pressure level	87 dB/W/m
Dimensions (W x H x D)	240 x 324 x 270 mm
Weight	4.0 kg

<General>

Power requirements	120 V/220-230 V/240 V AC (switchable), 50/60 Hz
Power consumption	HR: 80 W HA: 125 W
Power consumption	With power-economizing mode off HR: 13 W HA: 17 W With power-economizing mode on 0.9 W
Dimensions of main unit (W x H x D)	260 x 328 x 335 mm
Weight of main unit	HR: 6.3 kg HA: 5.6 kg

• Design and specifications are subject to change without notice.

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ELECTRICAL MAIN PARTS LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
IC				C31	87-010-263-080		CAP, ELECT 100-10V
	87-A21-398-010		IC,STK490-110	C32	87-010-197-080		CAP, CHIP 0.01 DM
	87-A21-419-040		C-IC,NJM14558MD-TE2	C34	87-010-247-080		CAP, ELECT 100-50V
	87-A21-401-040		C-IC,M61503FP	C35	87-010-380-080		CAP, ELECT 47-16V
	87-A21-415-010		IC,LA1843	C36	87-010-381-080		CAP, ELECT 330-16V
	8A-NF9-601-110		C-IC,UPD780226GF-014-3BA	C38	87-010-197-080		CAP, CHIP 0.01 DM
	87-A21-482-010		IC,RPM6938-H4	C60	87-010-403-080		CAP, ELECT 3.3-50V
	87-070-127-110		IC,LC72131 D	C61	87-010-260-080		CAP, ELECT 47-25V
	87-A21-269-010		IC,EW732<HA>	C97	87-010-196-080		CHIP CAPACITOR,0.1-25
	87-020-454-010		IC,DN6851<HR>	C101	87-010-185-080		C-CAP,S 3900P-50 B
TRANSISTOR				C102	87-010-185-080		C-CAP,S 3900P-50 B
	87-026-609-080		TR,KTA1266GR	C103	87-010-545-080		CAP, ELECT 0.22-50V
	89-213-702-010		TR,2SB1370E(1.8W)	C104	87-010-545-080		CAP, ELECT 0.22-50V
	87-026-610-080		TR,KTC3198GR	C105	87-010-187-080		CAP CHIP S5600P
	87-A30-076-080		C-TR,2SC3052F	C106	87-010-187-080		CAP CHIP S5600P
	87-A30-075-080		C-TR,2SA1235F	C107	87-010-404-080		CAP, ELECT 4.7-50V
	87-026-245-080		TR,DTC114ES	C108	87-010-404-080		CAP, ELECT 4.7-50V
	87-A30-198-080		TR,KTC3199GR	C111	87-010-391-080		CAP,E 10-35 SME
	87-A30-074-080		C-TR,RT1P 141C	C112	87-010-391-080		CAP,E 10-35 SME
	87-A30-468-080		C-TR,KRC102S-RTK	C113	87-010-405-080		CAP, ELECT 10-50V<HR>
	87-A30-107-070		C-TR,CMBT5401	C113	87-010-866-080		CAP, ELECT 10-63M VX<HA>
	87-A30-106-040		C-TR,CMBT5551	C114	87-010-405-080		CAP, ELECT 10-50V<HR>
	87-A30-087-080		C-FET,2SK2158	C114	87-010-866-080		CAP, ELECT 10-63M VX<HA>
	87-A30-091-080		FET,2SJ460	C119	87-012-369-080		C-CAP,S 0.047-50 ZF<HR>
	87-A30-090-080		FET,2SK2541	C119	87-016-369-080		C-CAP,S 0.033-25 KB<HA>
	87-A30-062-080		C-TR,KRC104S	C120	87-012-369-080		C-CAP,S 0.047-50 ZF<HR>
	87-A30-318-080		TR,CSA952K	C120	87-016-369-080		C-CAP,S 0.033-25 KB<HA>
	89-333-317-880		TR,2SC3331 (0.5W)	C125	87-012-368-080		C-CAP,S 0.1-50 F
	87-A30-329-080		TR,CD1585BC	C126	87-012-368-080		C-CAP,S 0.1-50 F
	89-327-143-080		TR,2SC2714(O)(0.1W)	C127	87-012-368-080		C-CAP,S 0.1-50 F
	87-A30-072-080		C-TR,RT1P 144C	C128	87-012-368-080		C-CAP,S 0.1-50 F
	87-A30-086-040		C-TR,CSD1306E<HR>	C129	87-010-191-080		C-CAP,S 0.015-50 F
	89-503-602-080		C-FET,2SK360E<HR>	C130	87-010-191-080		C-CAP,S 0.015-50 F
	87-A30-234-080		TR,CSC4115BC	C131	87-010-197-080		CAP, CHIP 0.01 DM
				C132	87-010-197-080		CAP, CHIP 0.01 DM
DIODE				C133	87-010-186-080		CAP,CHIP 4700P
	87-020-465-080		DIODE,1SS133	C140	87-010-182-080		C-CAP,S 2200P-50 B
	87-A40-535-080		DIODE,1N5393-GOODARK<HR>	C141	87-010-196-080		CHIP CAPACITOR,0.1-25
	87-A40-455-090		DIODE,RL203 GW	C239	87-010-196-080		CHIP CAPACITOR,0.1-25
	87-A40-553-080		DIODE,1N4003 LES	C301	87-010-178-080		CHIP CAP 1000P
	87-A40-776-080		ZENER,UZ27BSD	C302	87-010-178-080		CHIP CAP 1000P
	87-A40-764-080		ZENER,UZ10BSC	C303	87-010-178-080		CHIP CAP 1000P
	87-A40-313-080		C-DIODE,MC 2840	C304	87-010-178-080		CHIP CAP 1000P
	87-A40-270-080		C-DIODE,MC2838	C307	87-010-263-080		CAP, ELECT 100-10V
	87-A40-269-080		C-DIODE,MC2836	C308	87-010-263-080		CAP, ELECT 100-10V
	87-A40-854-080		ZENER,UZ15BSA	C309	87-010-318-080		C-CAP,S 47P-50 CH
	87-A40-752-080		ZENER,UZ6.2BSC	C310	87-010-318-080		C-CAP,S 47P-50 CH
	87-A40-739-080		ZENER,UZ2.7BSA	C313	87-010-188-080		CAP,CHIP 6800P
	87-017-149-080		ZENER,HZS6A2L	C314	87-010-188-080		CAP,CHIP 6800P
				C315	87-010-263-080		CAP, ELECT 100-10V
MAIN C.B				C317	87-010-546-080		CAP, ELECT 0.33-50V
				C318	87-010-546-080		CAP, ELECT 0.33-50V
				C326	87-010-198-080		CAP, CHIP 0.022
				C327	87-012-368-080		C-CAP,S 0.1-50 F
				C360	87-010-401-080		CAP, ELECT 1-50V
C3	87-012-368-080		C-CAP,S 0.1-50 F	C399	87-012-140-080		CAP 470P
C4	87-012-368-080		C-CAP,S 0.1-50 F	C401	87-010-544-080		CAP, ELECT 0.1-50V
C5	87-012-368-080		C-CAP,S 0.1-50 F	C402	87-010-544-080		CAP, ELECT 0.1-50V
C6	87-012-368-080		C-CAP,S 0.1-50 F	C403	87-010-321-080		CHIP CAPACITOR,82P(J)
C9	87-012-368-080		C-CAP,S 0.1-50 F	C404	87-010-321-080		CHIP CAPACITOR,82P(J)
C10	87-012-368-080		C-CAP,S 0.1-50 F	C405	87-010-197-080		CAP, CHIP 0.01 DM
C11	87-012-368-080		C-CAP,S 0.1-50 F	C406	87-010-197-080		CAP, CHIP 0.01 DM
C12	87-012-368-080		C-CAP,S 0.1-50 F	C407	87-010-197-080		CAP, CHIP 0.01 DM
C19	87-A12-036-000		CAP,E 2200-63 SMG	C408	87-010-197-080		CAP, CHIP 0.01 DM
C20	87-A12-036-000		CAP,E 2200-63 SMG	C409	87-010-182-080		C-CAP,S 2200P-50 B
C21	87-A10-520-000		CAP,E 3300-35 M SMG	C410	87-010-182-080		C-CAP,S 2200P-50 B
C22	87-A10-520-000		CAP,E 3300-35 M SMG	C411	87-010-405-080		CAP, ELECT 10-50V
C25	87-010-385-080		CAP, ELECT 220-25V	C412	87-010-405-080		CAP, ELECT 10-50V
C26	87-010-247-080		CAP, ELECT 100-50V	C452	87-010-382-080		CAP, ELECT 22-25V
C30	87-010-430-080		CAP, ELECT 100-63	C453	87-010-183-080		C-CAP,S 2700P-50 B

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C454	87-010-183-080		C-CAP,S 2700P-50 B	C851	87-010-197-080		CAP, CHIP 0.01 DM
C455	87-010-183-080		C-CAP,S 2700P-50 B	C852	87-010-197-080		CAP, CHIP 0.01 DM
C456	87-010-197-080		CAP, CHIP 0.01 DM	C853	87-010-197-080		CAP, CHIP 0.01 DM
C460	87-010-196-080		CHIP CAPACITOR,0.1-25	C858	87-010-196-080		CHIP CAPACITOR,0.1-25
C461	87-012-158-080		C-CAP,S 390P-50 CH	C859	87-010-196-080		CHIP CAPACITOR,0.1-25
C462	87-012-158-080		C-CAP,S 390P-50 CH	C860	87-010-197-080		CAP, CHIP 0.01 DM
C605	87-010-179-080		CAP,CHIP S 1200P-50 KB<HR>	C940	87-010-197-080		CAP, CHIP 0.01 DM<HR>
C605	87-010-184-080		CAP,CHIP S 3300P-50 KB<HA>	C941	87-010-314-080		C-CAP,S 22P-50V<HR>
C606	87-010-179-080		CAP,CHIP S 1200P-50 KB<HR>	C943	87-010-197-080		CAP, CHIP 0.01 DM<HR>
C606	87-010-184-080		CAP,CHIP S 3300P-50 KB<HA>	C945	87-010-197-080		CAP, CHIP 0.01 DM<HR>
C609	87-010-213-080		C-CAP,S 0.015-50 B	C946	87-010-971-080		C-CAP,S 4700P-50 B J<HR>
C610	87-010-213-080		C-CAP,S 0.015-50 B	C947	87-010-197-080		CAP, CHIP 0.01 DM<HR>
C611	87-010-545-080		CAP, ELECT 0.22-50V	C948	87-010-148-080		CAP, CHIP S 4P-50<HR>
C612	87-010-545-080		CAP, ELECT 0.22-50V	C952	87-010-197-080		CAP, CHIP 0.01 DM<HR>
C613	87-010-545-080		CAP, ELECT 0.22-50V	C953	87-010-197-080		CAP, CHIP 0.01 DM<HR>
C614	87-010-545-080		CAP, ELECT 0.22-50V	C954	87-010-400-080		CAP, ELECT 0.47-50V<HR>
C615	87-010-154-080		CAP CHIP 10P	C956	87-010-263-080		CAP, ELECT 100-10V<HR>
C616	87-010-221-080		CAP, ELECT 470-10V	C959	87-010-196-080		CHIP CAPACITOR,0.1-25
C617	87-010-221-080		CAP, ELECT 470-10V	C960	87-010-196-080		CHIP CAPACITOR,0.1-25<HA>
C618	87-010-405-080		CAP, ELECT 10-50V	C961	87-010-152-080		C-CAP,S 8P-50 CH<HA>
C630	87-016-669-080		C-CAP,S 0.1-25 K B	C962	87-010-401-080		CAP, ELECT 1-50V<HR>
C631	87-010-185-080		C-CAP,S 3900P-50 B	C963	87-015-785-080		CHIP CAPACITOR, 0.1FZ-25Z
C632	87-010-185-080		C-CAP,S 3900P-50 B	C964	87-010-854-080		C-CAP,S 560PCH<HR>
C633	87-016-369-080		C-CAP,S 0.033-25 B K	C971	87-010-381-080		CAP, ELECT 330-16V
C634	87-016-369-080		C-CAP,S 0.033-25 B K	C972	87-010-404-080		CAP, ELECT 4.7-50V
C669	87-010-322-080		C-CAP,S 100P-50 CH	C973	87-010-197-080		CAP, CHIP 0.01 DM
C670	87-010-322-080		C-CAP,S 100P-50 CH	C974	87-010-197-080		CAP, CHIP 0.01 DM
C671	87-010-196-080		CHIP CAPACITOR,0.1-25<HR>	C979	87-010-322-080		C-CAP,S 100P-50 CH
C672	87-010-196-080		CHIP CAPACITOR,0.1-25<HR>	C981	87-010-260-080		CAP, ELECT 47-25V
C673	87-010-182-080		C-CAP,S 2200P-50 B<HR>	C982	87-010-196-080		CHIP CAPACITOR,0.1-25
C677	87-010-197-080		CAP, CHIP 0.01 DM	C983	87-010-197-080		CAP, CHIP 0.01 DM
C771	87-010-263-080		CAP, ELECT 100-10V	C984	87-010-197-080		CAP, CHIP 0.01 DM
C772	87-010-197-080		CAP, CHIP 0.01 DM	C987	87-010-197-080		CAP, CHIP 0.01 DM
C782	87-010-197-080		CAP, CHIP 0.01 DM	C989	87-010-197-080		CAP, CHIP 0.01 DM<HR>
C783	87-010-197-080		CAP, CHIP 0.01 DM	C991	87-010-312-080		C-CAP,S 15P-50 CH
C784	87-010-197-080		CAP, CHIP 0.01 DM	C992	87-010-312-080		C-CAP,S 15P-50 CH
C785	87-010-197-080		CAP, CHIP 0.01 DM	C993	87-010-178-080		CHIP CAP 1000P
C786	87-010-197-080		CAP, CHIP 0.01 DM	C995	87-010-178-080		CHIP CAP 1000P
C788	87-010-149-080		C-CAP,S 5P-50 CH	C997	87-010-196-080		CHIP CAPACITOR,0.1-25
C789	87-A10-801-080		C-CAP,S 0.022-16 J B<HR>	C998	87-010-260-080		CAP, ELECT 47-25V
C789	87-A12-052-080		C-CAP,S 0.033-25 J B<HA>	C999	87-A11-155-080		CAP,TC U 0.01-16 Z F
C790	87-A10-801-080		C-CAP,S 0.022-16 J B<HR>	CF831	87-008-261-010		FILTER, SFE10.7MA5-A
C790	87-A12-052-080		C-CAP,S 0.033-25 J B<HA>	CF832	87-008-261-010		FILTER, SFE10.7MA5-A
C791	87-010-196-080		CHIP CAPACITOR,0.1-25	CN301	87-A60-620-010		CONN,3P V 2MM JMT
C792	87-010-197-080		CAP, CHIP 0.01 DM	CN351	87-A60-625-010		CONN,8P V 2MM JMT
C793	87-010-404-080		CAP, ELECT 4.7-50V	CN601	87-099-719-010		CONN,30P TYK-B(X)
C795	87-010-197-080		CAP, CHIP 0.01 DM	CN602	87-A60-131-010		CONN,6P V FE
C796	87-010-197-080		CAP, CHIP 0.01 DM	CNA1	8A-NF8-653-010		CONN ASSY,9P TID-A(480)
C797	87-010-405-080		CAP, ELECT 10-50V	D951	87-A40-618-080		VARI-CAP,SVC 348(S/T)<HR>
C798	87-010-197-080		CAP, CHIP 0.01 DM	FC104	88-911-101-110		FF-CABLE,11P 1.25
C799	87-010-407-080		CAP, ELECT 33-50V	FC602	88-906-251-110		FF-CABLE,6P 1.25
C800	87-012-369-080		C-CAP,S 0.047-50V	FC731	88-913-301-110		FF-CABLE,13P-1.25
C801	87-010-403-080		CAP, ELECT 3.3-50V	FFE831	A8-8ZA-190-030		8ZA-1 FEUNM
C802	87-010-194-080		CAP, CHIP 0.047	J202	87-A60-488-010		JACK,DIA6.3 BLK ST W/SW KM16AT
C803	87-010-198-080		CAP, CHIP 0.022	J203	87-A60-238-010		TERMINAL,SP 4P (MSC)
C804	87-010-263-080		CAP, ELECT 100-10V	J602	87-A60-881-010		JACK,PIN 2P MSP 242V05 PBSN
C807	87-010-400-080		CAP, ELECT 0.47-50V	J831	87-A60-202-010		TERMINAL,ANT 4P MSP-154V-02
C808	87-010-401-080		CAP, ELECT 1-50V	J940	87-A60-633-010		CONN,2P H 2.5MM JMT<HR>
C809	87-010-401-080		CAP, ELECT 1-50V	L101	87-A50-610-010		COIL,1UH K(MDEC)
C810	87-010-196-080		CHIP CAPACITOR,0.1-25	L102	87-A50-610-010		COIL,1UH K(MDEC)
C814	87-010-197-080		CAP, CHIP 0.01 DM	L451	87-007-342-010		COIL,OSC 85K BIAS
C815	87-010-400-080		CAP, ELECT 0.47-50V	L801	87-A50-540-010		COIL,FM DET(TOK)
C816	87-010-400-080		CAP, ELECT 0.47-50V	L802	87-A91-552-010		FLTR,CFMT-450AL (TOK)<HR>
C821	87-010-405-080		CAP, ELECT 10-50V	L802	87-A91-551-010		FLTR,PCFJZH-450 L(TOK)<HA>
C823	87-010-177-080		C-CAP,S 820P-50 SL	L811	87-005-847-080		COIL,2.2UH(CECS)
C824	87-010-405-080		CAP, ELECT 10-50V	L832	87-005-847-080		COIL,2.2UH(CECS)
C825	87-010-596-080		CAP, S 0.047-16	L941	87-A50-022-010		COIL,ANT SW 7.96 MHZ(COI)<HR>
C842	87-010-197-080		CAP, CHIP 0.01 DM	L942	87-A50-550-010		COIL,OSC SW-2N(COI)<HR>
C844	87-010-197-080		CAP, CHIP 0.01 DM	L943	87-A50-522-080		COIL,1MH K CEC<HR>
C850	87-010-260-080		CAP, ELECT 47-25V	L944	87-A50-159-010		COIL,10MH K C2B<HR>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
L951	8A-NF8-667-010		COIL,AM PACK 4(TOK)<HA>	C911	87-010-178-080		CHIP CAP 1000P
L952	87-A50-430-010		COIL,ANT MW(3BSW)<HR>	C912	87-010-196-080		CHIP CAPACITOR,0.1-25
L953	87-A50-431-010		COIL,OSC MW(3BSW)<HR>	C913	87-010-248-040		CAP,E 220-10 SME
R129	87-A00-669-080		RES,M/F 0.22-2W J RA<HA>	C914	87-010-248-040		CAP,E 220-10 SME
R130	87-A00-669-080		RES,M/F 0.22-2W J RA<HA>	C915	87-010-196-080		CHIP CAPACITOR,0.1-25
R131	87-A00-257-080		RES,M/F 0.15-1W J<HR>	C916	87-010-196-080		CHIP CAPACITOR,0.1-25
R131	87-A00-669-080		RES,M/F 0.22-2W J RA<HA>	C917	87-010-196-080		CHIP CAPACITOR,0.1-25
R132	87-A00-257-080		RES,M/F 0.15-1W J<HR>	C919	87-010-197-080		CAP, CHIP 0.01 DM
R132	87-A00-669-080		RES,M/F 0.22-2W J RA<HA>	C920	87-012-369-080		C-CAP,S 0.047-50F
R143	87-A00-440-050		RES,220-1/2W J RP	C921	87-010-186-080		CAP,CHIP 4700P
R144	87-A00-440-050		RES,220-1/2W J RP	C951	87-010-312-080		C-CAP,S 15P-50 CH
R145	87-A00-440-050		RES,220-1/2W J RP	C952	87-012-155-080		C-CAP 180P-50CH
R146	87-A00-440-050		RES,220-1/2W J RP	C953	87-012-140-080		CAP 470P
R653	87-A11-144-080		CAP,TC U 0.1-50 K B	C961	87-010-378-040		CAP,E 10-16
R654	87-A11-144-080		CAP,TC U 0.1-50 K B	C962	87-012-157-080		C-CAP,S 330P-50 CH
R790	87-010-197-080		CAP, CHIP 0.01 DM	C963	87-010-196-080		CHIP CAPACITOR,0.1-25
R991	87-010-322-080		C-CAP,S 100P-50 CH	CN104	87-A60-057-010		CONN,11P V 9604S-11C
R993	87-010-322-080		C-CAP,S 100P-50 CH	CN701	87-099-720-010		CONN,30P TYK-B(P)
R995	87-010-322-080		C-CAP,S 100P-50 CH	CN731	87-099-015-010		CONN,13P 6216V
SFR451	87-A90-432-080		SFR,30K H NVZ6TLTA	EMI401	87-008-372-080		FILTER, EMI BL OIRNI<HR>
SFR452	87-A90-432-080		SFR,30K H NVZ6TLTA	FL901	8A-NF9-605-010		FL,HNA-10SS12
TC941	87-011-254-080		TRIMER,20P LAR<HR>	J401	87-A61-242-010		JACK,6.3 BLK MONO W/SW V KM<HR>
TC943	87-011-253-080		TRIMER,30P LAR<HR>	L951	87-A50-434-010		COIL,CLK 4.19M(TOKO)
WH1	87-A90-510-010		HLDR,WIRE 2.5-9P	LED201	87-A40-619-040		LED,SLR-56PT-T31-W GRN
X991	87-A70-061-010		VIB,XTAL 4.500MHZ CSA-309	LED202	87-A40-619-040		LED,SLR-56PT-T31-W GRN
FRONT C.B				LED203	87-A40-619-040		LED,SLR-56PT-T31-W GRN<HR>
C101	87-010-196-080		CHIP CAPACITOR,0.1-25	LED204	87-A40-619-040		LED,SLR-56PT-T31-W GRN
C102	87-010-196-080		CHIP CAPACITOR,0.1-25	LED205	87-A40-619-040		LED,SLR-56PT-T31-W GRN
C103	87-010-498-040		CAP,E 10-16 GAS	LED206	87-A40-619-040		LED,SLR-56PT-T31-W GRN<HR>
C104	87-010-196-080		CHIP CAPACITOR,0.1-25	LED209	87-A40-317-080		LED,SLR-342VCT31 RED
C107	87-010-493-040		CAP,E 0.47-50 GAS	LED210	87-A40-619-040		LED,SLR-56PT-T31-W GRN<HA>
C108	87-012-393-080		C-CAP,S 0.22-16 R K	S301	87-A90-164-080		SW,TACT SKQAB(N)
C153	87-010-198-080		CAP, CHIP 0.022	S302	87-A90-164-080		SW,TACT SKQAB(N)
C154	87-010-246-040		CAP,E 47-35 SME	S303	87-A90-164-080		SW,TACT SKQAB(N)
C155	87-010-404-040		CAP,E 4.7-50 SME	S304	87-A90-164-080		SW,TACT SKQAB(N)
C156	87-010-404-040		CAP,E 4.7-50 SME	S305	87-A90-164-080		SW,TACT SKQAB(N)
C361	87-010-178-080		CHIP CAP 1000P	S306	87-A90-164-080		SW,TACT SKQAB(N)
C362	87-010-178-080		CHIP CAP 1000P	S307	87-A90-164-080		SW,TACT SKQAB(N)
C371	87-010-178-080		CHIP CAP 1000P	S308	87-A90-164-080		SW,TACT SKQAB(N)
C372	87-010-178-080		CHIP CAP 1000P	S309	87-A90-164-080		SW,TACT SKQAB(N)
C401	87-010-186-080		CAP,CHIP 4700P<HR>	S321	87-A90-164-080		SW,TACT SKQAB(N)
C402	87-010-112-040		CAP,E 100-16<HR>	S322	87-A90-164-080		SW,TACT SKQAB(N)
C403	87-010-545-040		CAP,E 0.22-50 SME<HR>	S323	87-A90-164-080		SW,TACT SKQAB(N)
C404	87-010-320-080		CHIP CAP 68P<HR>	S324	87-A90-164-080		SW,TACT SKQAB(N)
C405	87-010-544-040		CAP,E 0.1-50 SME<HR>	S325	87-A90-164-080		SW,TACT SKQAB(N)
C406	87-010-544-040		CAP,E 0.1-50 SME<HR>	S326	87-A90-164-080		SW,TACT SKQAB(N)
C407	87-010-405-040		CAP,E 10-50<HR>	S341	87-A90-164-080		SW,TACT SKQAB(N)
C408	87-010-322-080		C-CAP,S 100P-50 CH<HR>	S342	87-A90-164-080		SW,TACT SKQAB(N)
C409	87-010-265-040		CAP,E 33-16 SME<HR>	S343	87-A90-164-080		SW,TACT SKQAB(N)
C410	87-012-369-080		C-CAP,S 0.047-50F<HR>	S344	87-A90-164-080		SW,TACT SKQAB(N)
C413	87-010-177-080		C-CAP,S 820P-50 SL<HR>	S345	87-A90-164-080		SW,TACT SKQAB(N)
C601	87-010-382-040		CAP,E 22-25 SME	S346	87-A90-164-080		SW,TACT SKQAB(N)
C801	87-010-195-080		C-CAP,S 0.068-25 F	S347	87-A90-164-080		SW,TACT SKQAB(N)
C802	87-010-195-080		C-CAP,S 0.068-25 F	S348	87-A90-164-080		SW,TACT SKQAB(N)
C803	87-010-402-040		CAP,E 2.2-50 SME	S349	87-A90-164-080		SW,TACT SKQAB(N)
C804	87-010-402-040		CAP,E 2.2-50 SME	S350	87-A90-164-080		SW,TACT SKQAB(N)
C805	87-010-196-080		CHIP CAPACITOR,0.1-25	S361	87-A91-633-010		SW,RTRY XRE012103PVB25FINA 1-2
C806	87-010-196-080		CHIP CAPACITOR,0.1-25	S371	87-A91-632-010		SW,RTRY XRE012103PVB25FINB 1-2
C901	87-010-322-080		C-CAP,S 100P-50 CH	VR401	86-NFA-607-010		VR,RTRY 10K15AX1 1 V XV0121PVN<HR>
C902	87-010-322-080		C-CAP,S 100P-50 CH	PT C.B			
C903	87-010-322-080		C-CAP,S 100P-50 CH	C1	87-010-387-080		CAP,E 470-25 SME
C904	87-010-322-080		C-CAP,S 100P-50 CH	C31	87-010-403-080		CAP, ELECT 3.3-50V
C905	87-010-322-080		C-CAP,S 100P-50 CH	CN1	87-A61-110-010		CONN,9P V TID-A
C906	87-010-322-080		C-CAP,S 100P-50 CH	△ PT1	8A-NF9-614-010		PT,ANF-9 HR-HI<HR>
C907	87-010-322-080		C-CAP,S 100P-50 CH	△ PT1	8A-NF9-616-010		PT,ANF-9 LH-HI<HA>
C908	87-010-322-080		C-CAP,S 100P-50 CH	△ PT2	8A-NF8-673-010		PT,SUB ANF-8 (H)KAMI
C909	87-010-322-080		C-CAP,S 100P-50 CH	△ RY1	87-A91-339-010		RELAY,AC DC12V G5PA-2
C910	87-010-322-080		C-CAP,S 100P-50 CH	△ S1	87-A90-165-010		SW,SL 1-2-3 SWS2301

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
△ T1	87-A60-317-010		TERMINAL, 1P MSC
△ T2	87-A60-317-010		TERMINAL, 1P MSC

DECK C.B<HA>

CN1	87-099-753-010	CONN,11P H 9604
HL1	82-ZM3-214-010	HLDR,IC
SFR1	87-024-581-010	SFR,3.3K DIA6V K0A
SW1	87-A90-673-010	SW,MICRO ESE11SH1C
SW2	87-A91-500-010	SW,MICRO MPU11470MLB0
SW3	87-A91-500-010	SW,MICRO MPU11470MLB0
SW4	87-A91-500-010	SW,MICRO MPU11470MLB0
SW5	87-A90-673-010	SW,MICRO ESE11SH1C

DECK C.B<HR>

CON105	87-099-753-010	CONN,11P 9604
CON351	86-ZM3-605-110	CON ASSY,8P-PB
SFR1	87-024-581-010	SFR,3.3K DIA 6H
SOL1	82-ZM1-618-410	SOL ASSY, 27
SOL2	82-ZM1-618-410	SOL ASSY, 27
SW1	87-A90-248-010	SW,MICRO ESE11SH2CXQ
SW2	87-A90-248-010	SW,MICRO ESE11SH2CXQ
SW3	87-A90-248-010	SW,MICRO ESE11SH2CXQ
SW4	87-A90-248-010	SW,MICRO ESE11SH2CXQ
SW5	87-A90-248-010	SW,MICRO ESE11SH2CXQ
W1	82-ZM3-601-010	RBN-CORD,4P-75

HEAD-1 C.B<HR>

CON301	85-MA2-615-010	CONN,ASSY 3P-PB
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○チップ抵抗部品コード／CHIP RESISTOR PART CODE

チップ抵抗部品コードの成り立ち

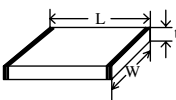
Chip Resistor Part Coding



A
抵抗部品コード
Resistor Code

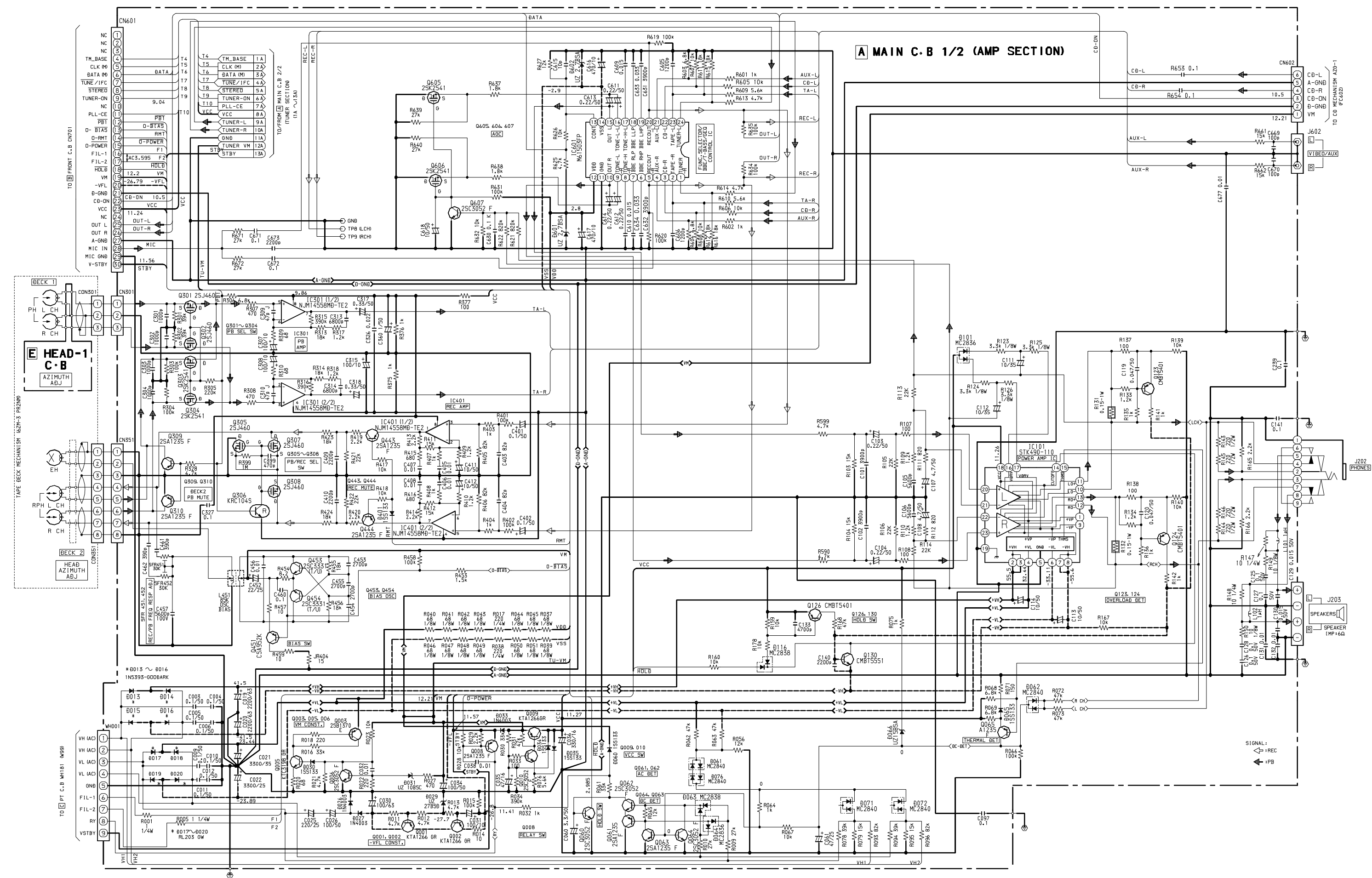
桁表示
Figure
抵抗値
Value of resistor

チップ抵抗
Chip resistor

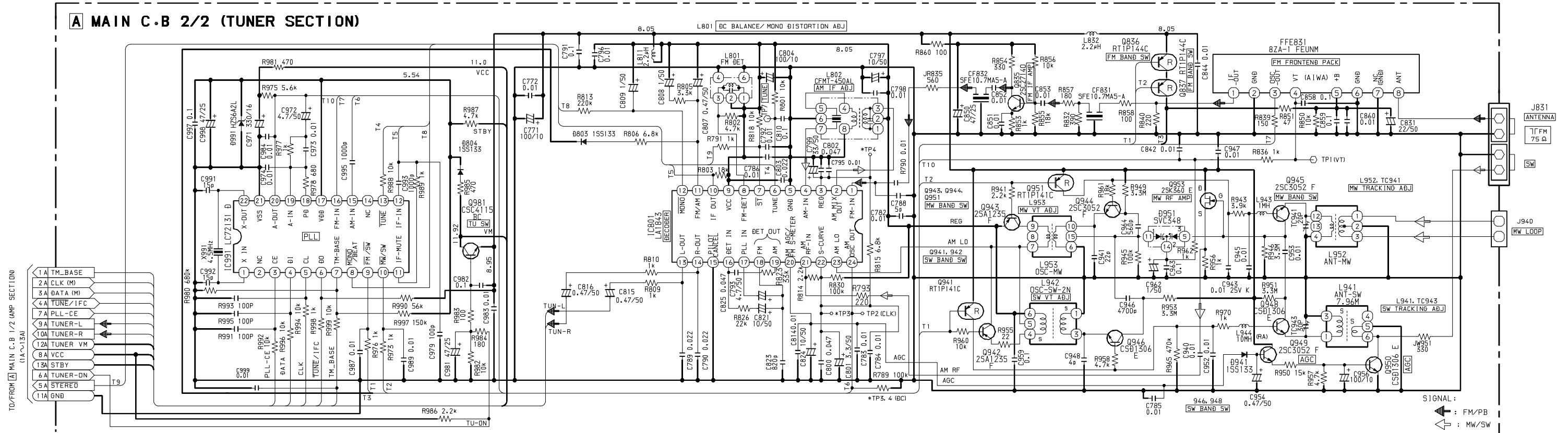
容量 Wattage	種類 Type	許容誤差 Tolerance	記号 Symbol	寸法／Dimensions (mm)				抵抗コード : A Resistor Code : A
				外形／Form	L	W	t	
1/16W	1005	± 5%	CJ		1.0	0.5	0.35	104
1/16W	1608	± 5%	CJ		1.6	0.8	0.45	108
1/10W	2125	± 5%	CJ		2	1.25	0.45	118
1/8W	3216	± 5%	CJ		3.2	1.6	0.55	128

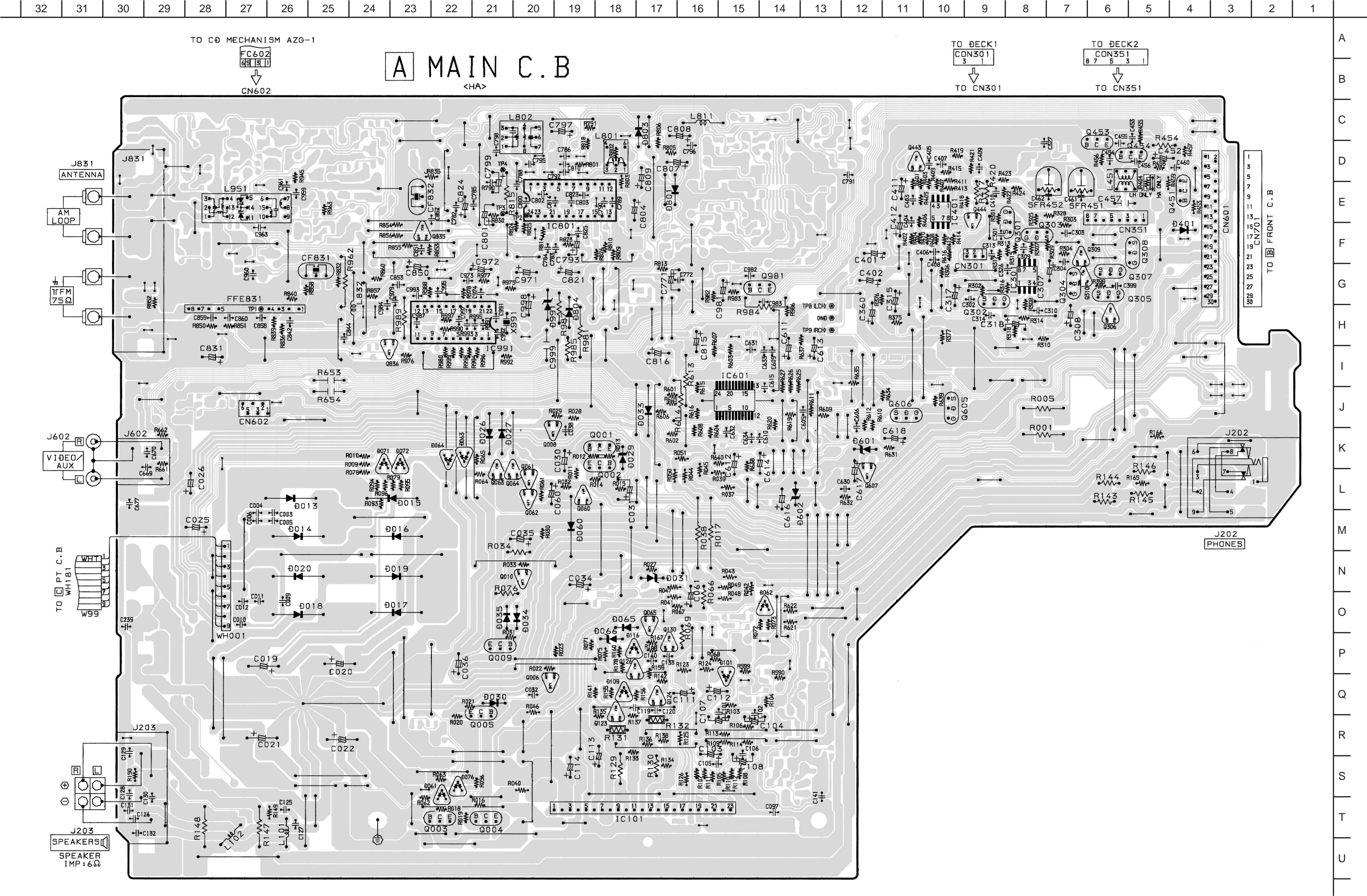


SCHEMATIC DIAGRAM – 1 (MAIN 1 / 2 : AMP / HEAD-1)<HR>

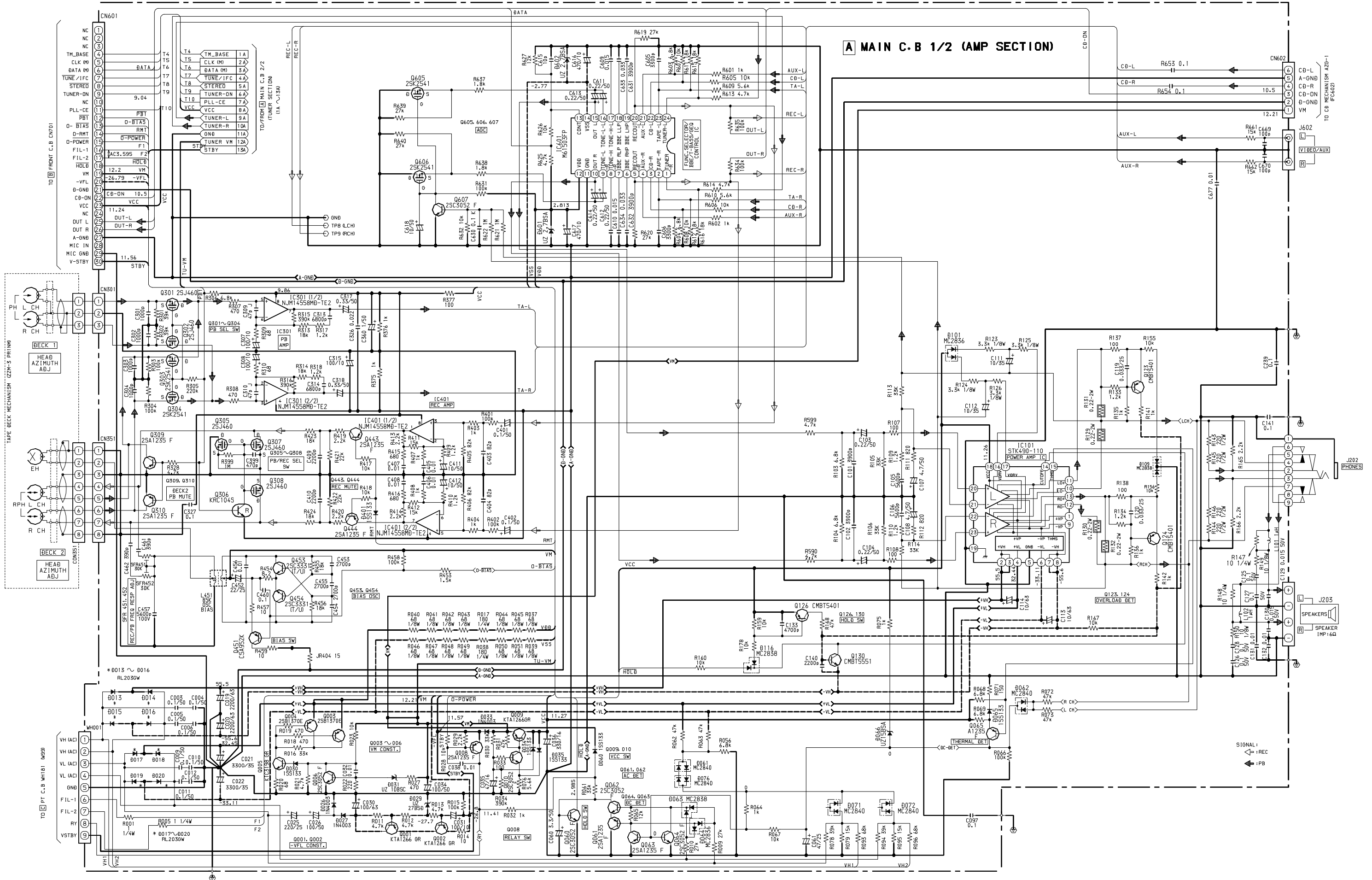


SCHEMATIC DIAGRAM – 2 (MAIN 2 / 2 : TUNER)<HR>





SCHEMATIC DIAGRAM – 3 (MAIN 1 / 2 : AMP)<HA>

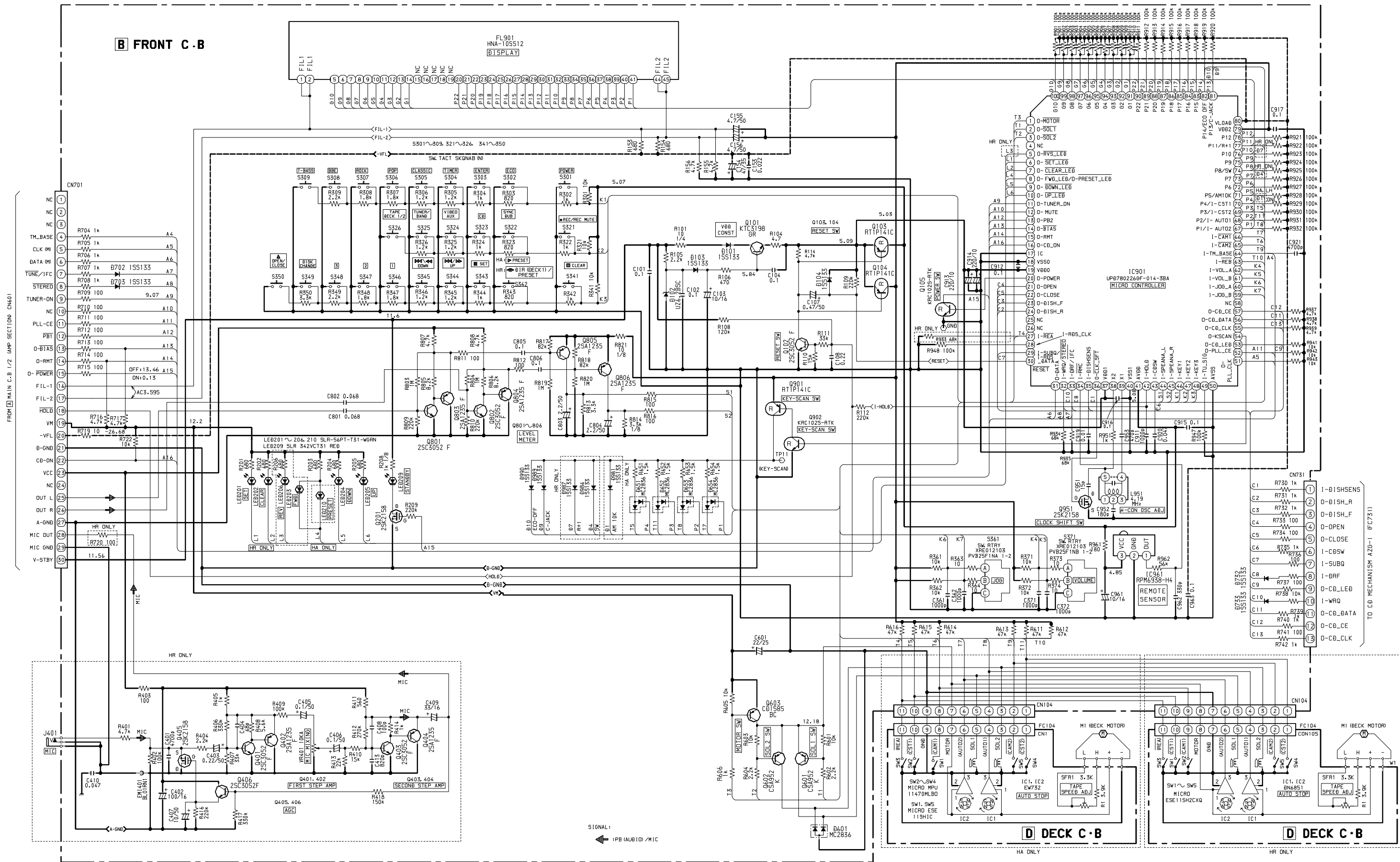


TD/FROM A MAIN C.B. 1/2 (AMP SECTION)
(1A ~ 13A)

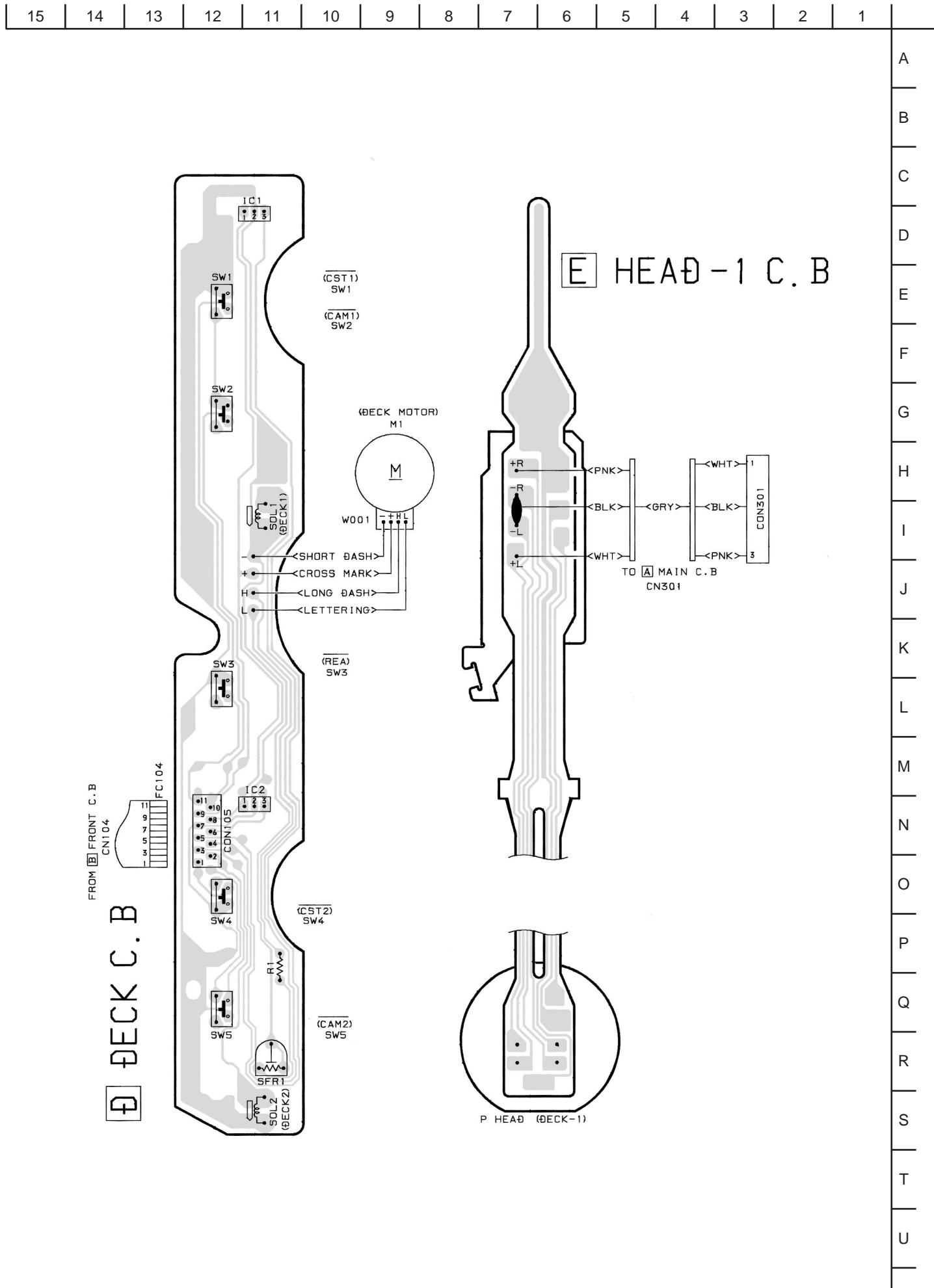




SCHEMATIC DIAGRAM – 5 (FRONT)



WIRING – 4 (DECK : 6ZM-3 PR2NM)<HR>

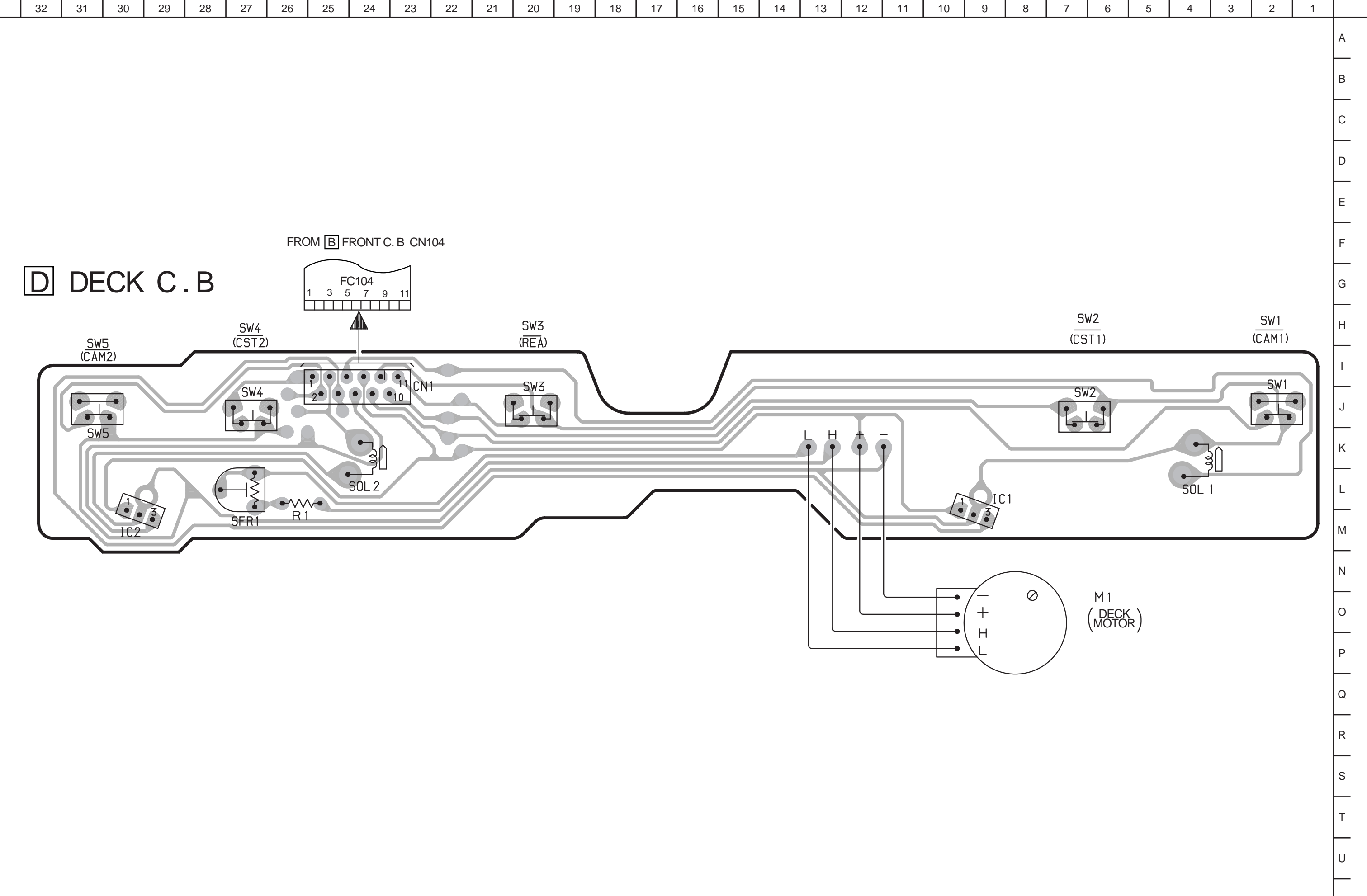


15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
															A
															B
															C
															D
															E
															F
															G
															H
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															J
															K
															L
															M
															N
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															P
															Q
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															S
															T
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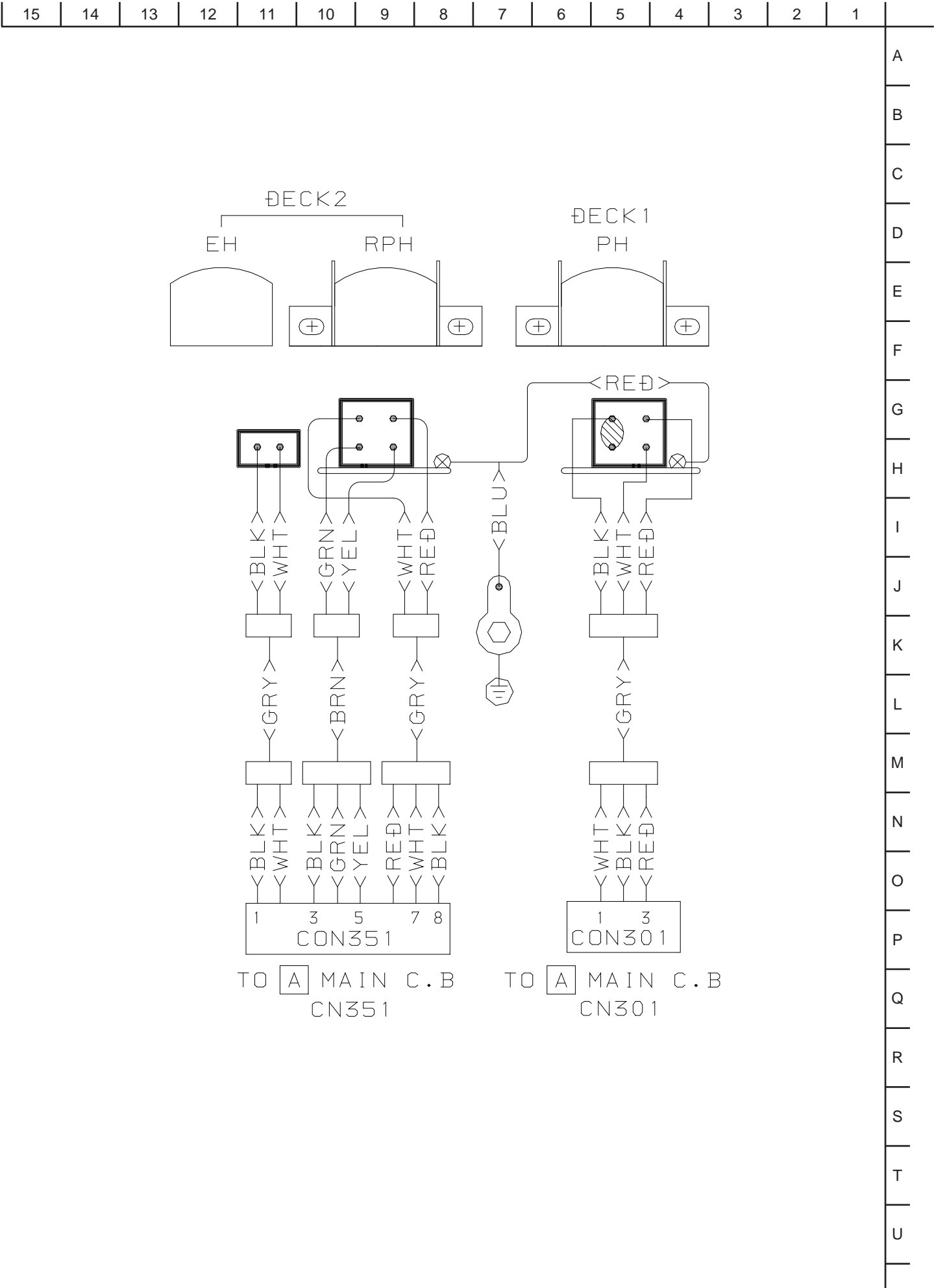
The diagram illustrates the wiring for DECK 2. At the top, two components labeled RPH and EH are shown. RPH has four terminals, and EH has two. These are connected to a central terminal block with eight terminals labeled 8 through 1. The connections are as follows:

- RPH terminal 1 (top left) connects to terminal 8 (leftmost).
- RPH terminal 2 (top right) connects to terminal 7.
- RPH terminal 3 (bottom left) connects to terminal 6.
- RPH terminal 4 (bottom right) connects to terminal 5.
- EH terminal 1 (top left) connects to terminal 4.
- EH terminal 2 (top right) connects to terminal 3.

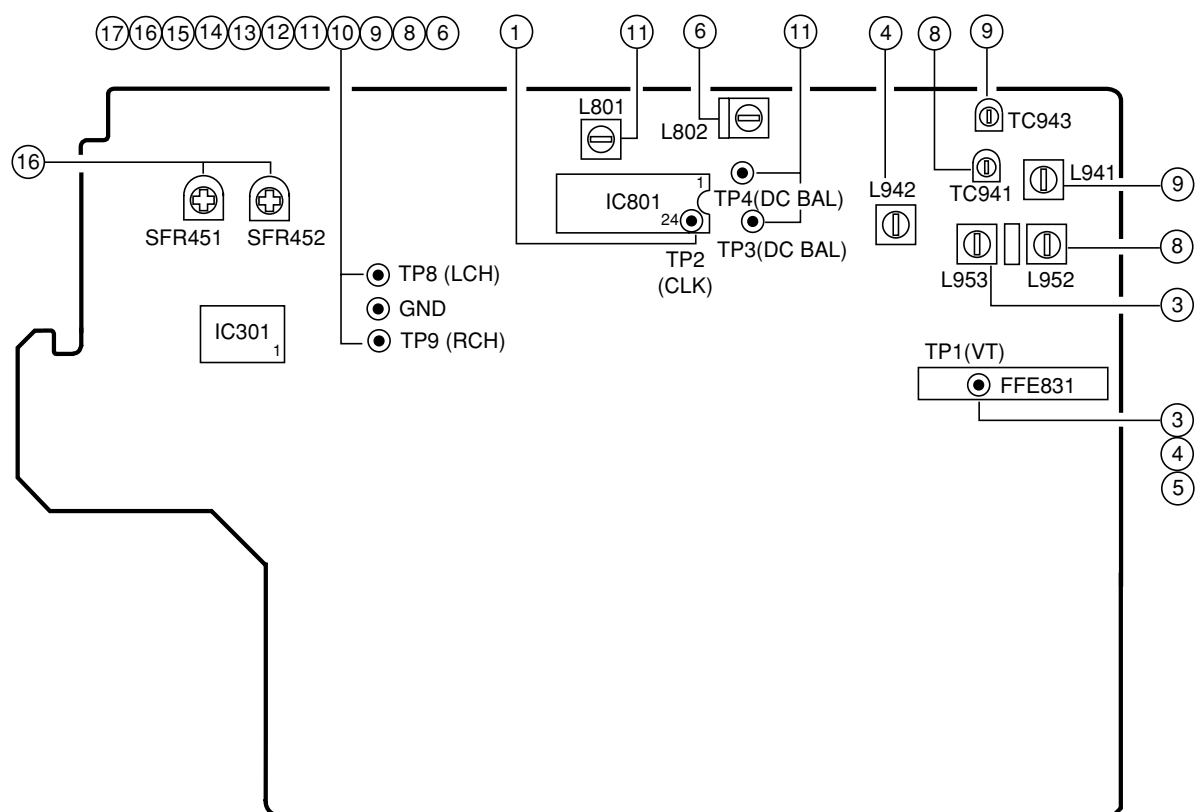
Below the terminal block, a large arrow points down to the text "TO [A] MAIN C.B CN351".



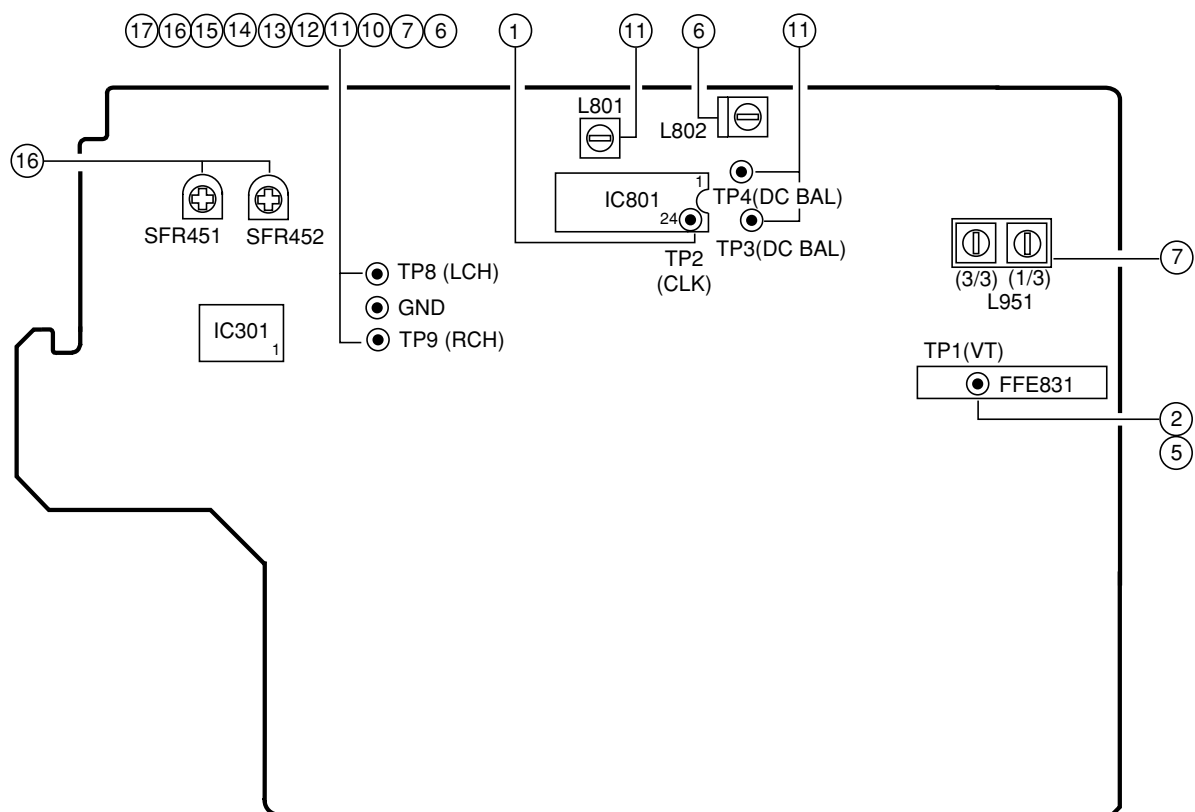
WIRING – 7 (HEAD : ZMZ-3 PR1NM)<HA>



A MAIN C.B <HR>



A MAIN C.B <HA>



< TUNER SECTION >

1. Clock frequency Check

Settings : • Test point : TP2 (CLK)

Method : <HR>

Set to MW 1602kHz and check that the test point is 2052kHz \pm 45Hz.

<HA>

Set to AM 1710kHz and check that the test point is 2160kHz \pm 45Hz.

2. AM VT Check <HA>

Settings : • Test point : TP1 (VT)

Method : Set to AM 1710kHz, 530kHz and check that the test point is less than 8.5V (1710kHz) and more than 0.6V (530kHz).

3. MW VT Adjustment <HR>

Settings : • Test point : TP1 (VT)

• Adjustment location : L953

Method : Set to MW 1602kHz and adjust L953 so that the test point becomes 8.0V \pm 0.05V. Then check that the test point is more than 0.3V (531kHz).

4. SW VT Adjustment <HR>

Settings : • Test point : TP1 (VT)

• Adjustment location : L942

Method : Set to SW 17.9MHz and adjust L942 so that the test point becomes 8.0V \pm 0.05V. Then check that the test point is more than 0.3V (5.9MHz).

5. FM VT Check

Settings : • Test point : TP1 (VT)

Method : Set to FM 87.5MHz, 108.0MHz and check that the test point is more than 0.5V (87.5MHz) and less than 8.0V (108.0MHz).

6. AM IF Adjustment

Settings : • Test point : TP8(Lch), TP9(Rch)

• Adjustment location :

L802 450kHz

7. AM Tracking Adjustment <HA>

Settings : • Test point : TP8(Lch), TP9(Rch)

• Adjustment location :

L951(1/3) 1000kHz

Method : Set to AM 1000kHz and adjust L951(1/3) to MAX.

8. MW Tracking Adjustment <HR>

Settings : • Test point : TP8(Lch), TP9(Rch)

• Adjustment location :

L952 603kHz

TC941 1404kHz

Method : Set up TC941 to center before adjustment. The output level at 603kHz is adjusted to maximum by L952. Then the output level at 1404kHz is adjusted to maximum by TC941.

9. SW Tracking Adjustment <HR>

Settings : • Test point : TP8(Lch), TP9(Rch)

• Adjustment location :

L941 5.9MHz

TC943 17.9MHz

Method : Set up TC943 to center before adjustment. The output level at 5.9MHz is adjusted to maximum by L941. Then the output level at 17.9 MHz is adjusted to maximum by TC943.

10. FM Tracking Check

Settings : • Test point : TP8(Lch), TP9(Rch)

Method : Set to FM 98.0MHz and check that the test point is less than 9dB μ V.

11. DC Balance / Mono Distortion Adjustment

Settings : • Test point : TP3, TP4 (DC Balance)

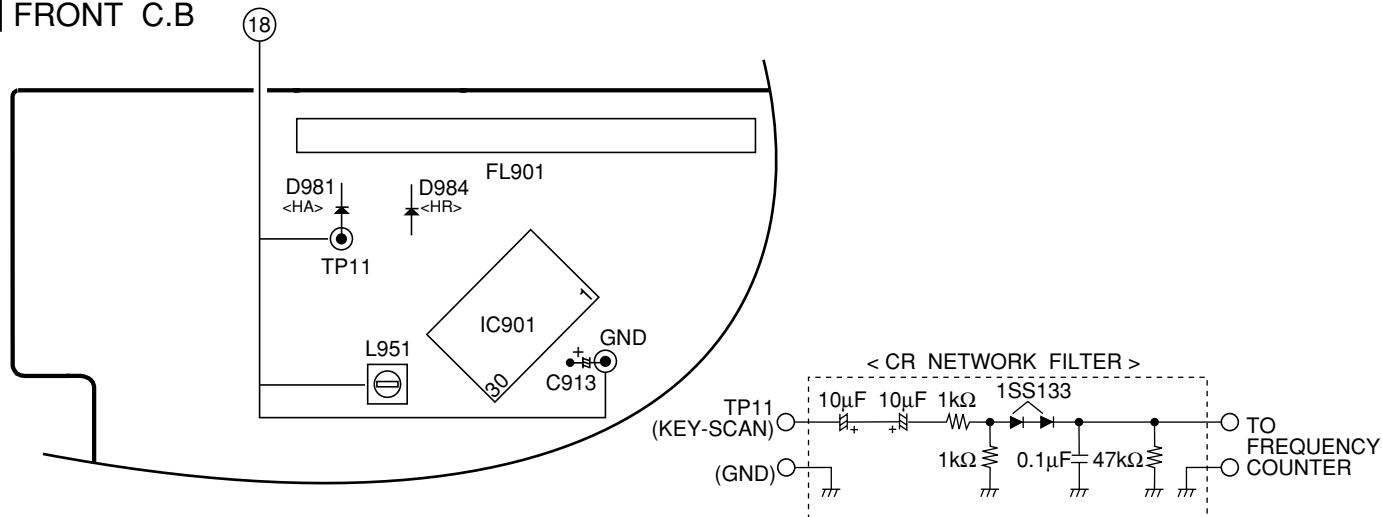
TP8(Lch), TP9(Rch) (Distortion)

• Adjustment location : L801

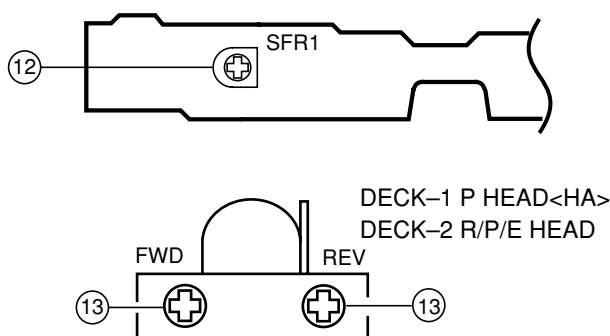
• Input level : 60dB μ V

Method : Set to FM 98.0MHz and adjust L801 so that the voltage between TP3 and TP4 becomes 0V \pm 300mV, with minimum distortion.

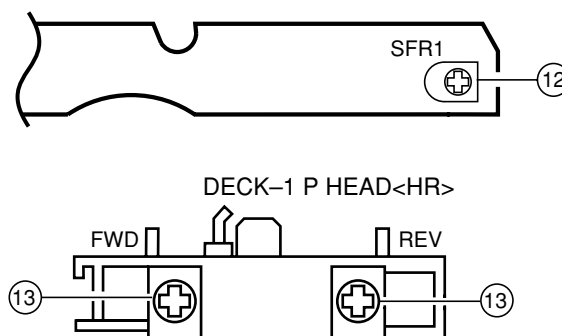
B FRONT C.B



D DECK C.B<HA>



D DECK C.B<HR>



< DECK SECTION >

12. Tape Speed Adjustment (DECK 2)

Settings : • Test tape : TTA-100

- Test point : TP8(Lch), TP9(Rch)
- Adjustment location : SFR1

Method : Play back the test tape and adjust SFR1 so that the frequency counter reads $3000\text{Hz} \pm 5\text{Hz}$ (FWD) and $\text{FWD SPEED} \pm 45\text{Hz}$ (REV).

13. Head Azimuth Adjustment (DECK 1, DECK 2)

Settings : • Test tape : TTA-330

- Test point : TP8(Lch), TP9(Rch)
- Adjustment location : Azimuth adjustment screw

Method : Play back (FWD) the 8kHz signal of the test tape and adjust screw so that the output becomes maximum. Next, perform on REV PLAY mode.

14. PB Frequency Response Check (DECK 1, DECK 2)

Settings : • Test tape : TTA-330

- Test point : TP8(Lch), TP9(Rch)

Method : Play back the 315Hz and 8kHz signals of the test tape and check that the output ratio of the 8kHz signal with respect to that of the 315Hz signal is within 5.0dB.

15. PB Sensitivity Check (DECK 1, DECK 2)

Settings : • Test tape : TTA-200

- Test point : TP8(Lch), TP9(Rch)

Method : Play back the test tape and check that the output level of the test point is $110\text{mV} \pm 3.0\text{dB}$.

16. REC/PB Frequency Response Adjustment (DECK 2)

Settings : • Test tape : TTA-602

- Test point : TP8(Lch), TP9(Rch)
- Input signal : 1kHz / 8kHz (LINE IN)
- Adjustment location : SFR451 (Lch)
SFR452 (Rch)

Method : Apply a 1kHz signal and REC mode. Then adjust OSC attenuator so that the output level at the TP8, TP9 becomes -20VU (-26dBV). Record and play back the 1kHz and 8kHz signals and adjust SFRs so that the output of the 8kHz signals becomes $1.5\text{dB} \pm 0.5\text{dB}$ with respect to that of the 1kHz signal.

17. REC/PB Sensitivity Check (DECK 2)

Settings : • Test tape : TTA-602

- Test point : TP8(Lch), TP9(Rch)
- Input signal : 1kHz (LINE IN)

Method : Apply a 1kHz signal and REC mode. Then adjust OSC attenuator so that the output level at TP8, TP9 becomes 0VU (-6dBV). Record and play back the 1kHz signals and check that the output is $-1\text{dB} \pm 3.5\text{dB}$.

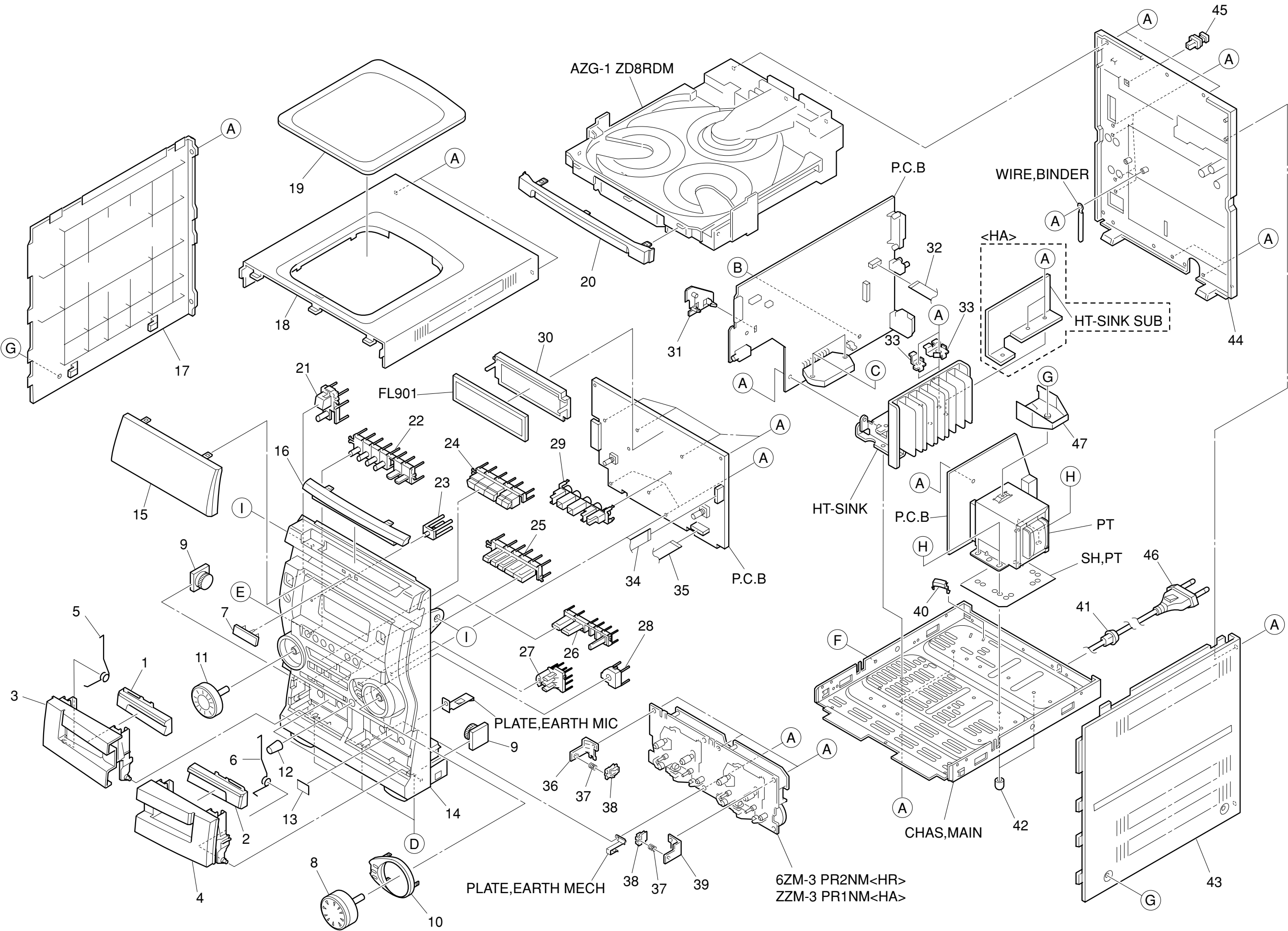
< FRONT SECTION >

18. μ -con OSC Adjustment

Settings : • Test point : TP11(KEY-SCAN), GND

- Adjustment location : L951

Method : Connect a frequency counter across TP11 and GND via a CR network filter. Then adjust L951 so that the test point becomes $184.94\text{Hz} \pm 0.18\text{Hz}$.



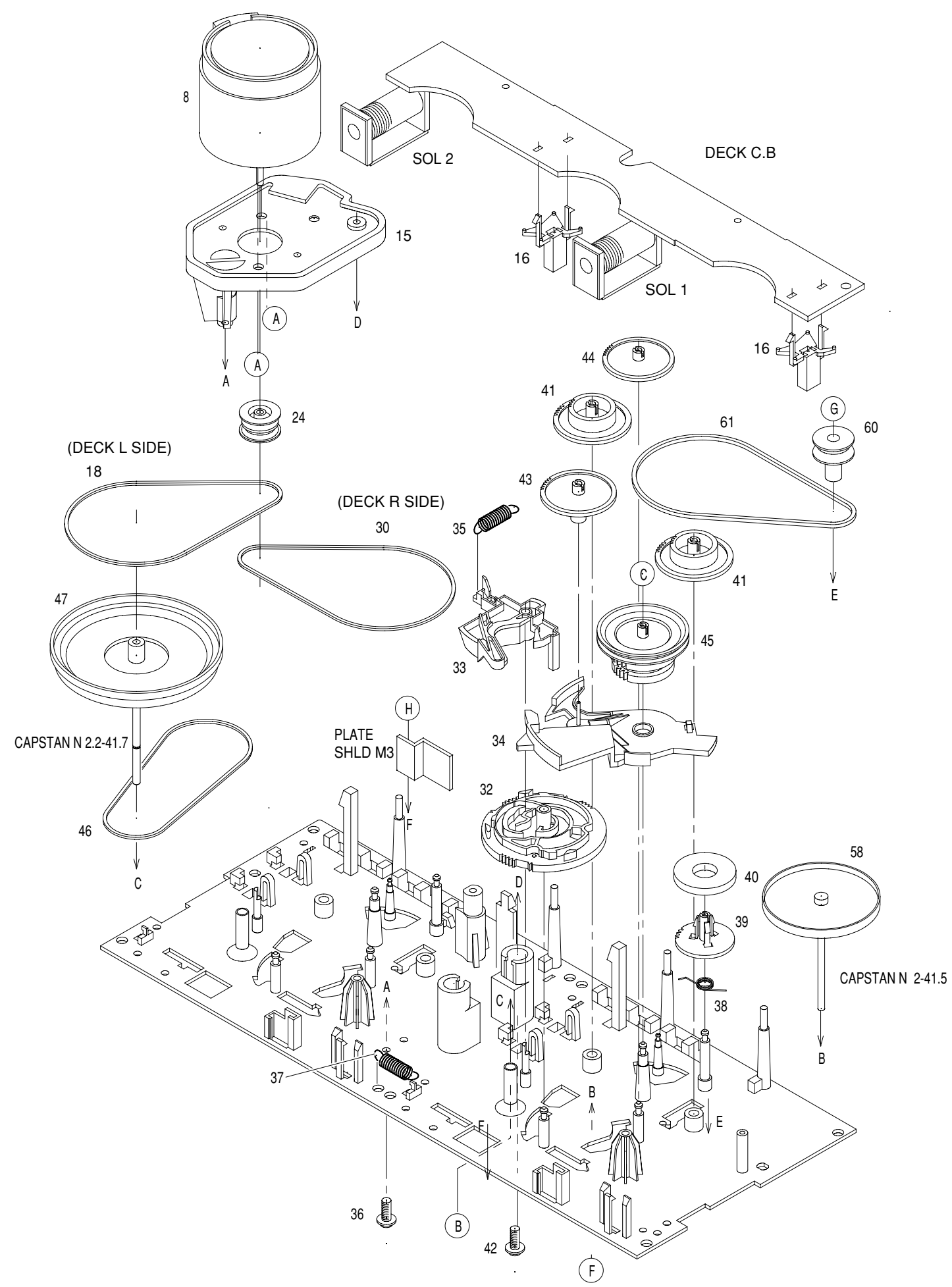
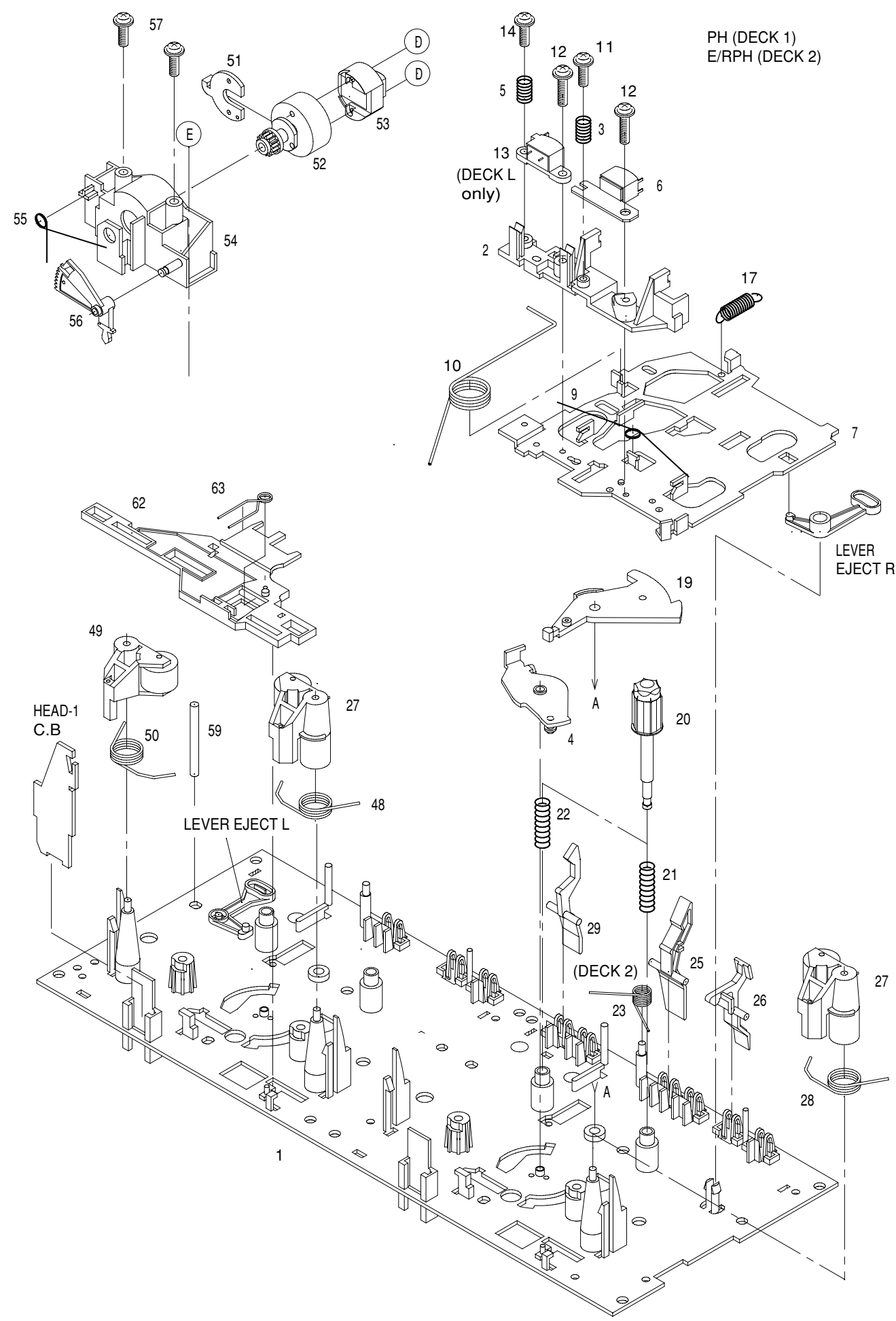
MECHANICAL PARTS LIST 1 / 1

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-NF9-006-010		WINDOW,CASS 1	32	88-906-251-110		FF-CABLE,6P 1.25
2	8A-NF9-007-010		WINDOW,CASS 2	33	86-NF6-211-010		HLDR,IC T1.6<HA>
3	8A-NF9-003-010		BOX,CASS 1<HA>	33	8A-NF8-205-010		HLDR,IC<HR>
3	8A-NF9-047-010		BOX,CASS 1 H<HR>	34	88-913-301-110		FF-CABLE,13P-1.25
4	8A-NF9-004-010		BOX,CASS 2	35	88-911-101-110		FF-CABLE,11P 1.25
5	8A-NF8-207-010		SPR-T,EJECT 1	36	87-NF4-216-010		HLDR,LOCK 1
6	8A-NF8-208-010		SPR-T,EJECT 2	37	86-NF9-224-010		SPR-C,LOCK
7	87-CE3-023-010		BADGE,AIWA 30N SILV	38	82-NF5-229-010		PLATE,LOCK
8	8A-NF9-018-010		KNOB,RTRY JOG	39	87-NF4-217-110		HLDR,LOCK 2
9	8A-NF8-209-010		OIL-DMPR, 120	40	87-NF4-221-010		HLDR,CABLE
10	8A-NF9-017-010		PANEL,JOE	41	87-085-185-010		BUSHING, AC CORD (E)
11	8A-NF9-016-010		KNOB,RTRY VOL	42	8Z-NB8-240-010		COVER, PL
12	8A-NF9-015-010		KNOB,RTRY MIC<HR>	43	8A-NF8-008-010		PANEL,RIGHT V-2
13	81-532-080-010		LABEL, CASS. COMPT	44	8A-NFX-003-010		CABI,REAR HRJSM<HR>
14	8A-NFX-006-010		CABI,FR H<HR>	44	8A-NFX-005-010		CABI,REAR LH W/O SPEC<HA>
14	8A-NF9-001-010		CABI,FR U<HA>	45	84-ZG1-245-210		CAP,OPTICAL
15	8A-NFX-002-010		WINDOW,DISP LH	46	87-A80-105-010		AC CORD ASSY,AZ<HA>
16	8A-NF9-039-010		WINDOW,CD	46	87-A80-092-010		AC CORD ASSY,E BLK SUN FAI<HR>
17	8A-NF8-007-010		PANEL,LEFT V-2	47	8A-NF9-211-010		HLDR,PWB PT HI
18	8A-NF8-005-010		PANEL,TOP	A	87-067-703-010		TAPPING SCREW, BVT2+3-10
19	8A-NF8-006-010		WINDOW,TOP	B	87-NF4-224-010		S-SCREW,IT3B+3-8 CU
20	8A-NF9-014-010		PANEL,TRAY	C	87-067-581-010		TAPPING SCREW, BVT2+3-15
21	8A-NF9-008-010		KEY,POWER	D	87-067-689-010		TAPPING SCREW, BVTT+3-8
22	8A-NF9-009-010		KEY,FUN	E	87-723-096-410		QT2+3-10W/O SLOT BL
23	8A-NF9-022-010		REFLECTOR,ECO	F	87-721-096-410		QT2+3-10 GLD
24	8A-NF9-010-110		KEY,ASSY OPE 1 WAY<HA>	G	87-067-641-010		UTT2+3-8(W/O SLOT)BL
24	8A-NF9-023-010		KEY,ASSY OPE REV<HR>	H	87-078-191-010		S-SCREW,IT+4-10
25	8A-NF9-020-010		KEY,CD	I	87-721-097-410		QT2+3-12 GLD
26	8A-NF9-019-010		KEY,SYNC				
27	8A-NF9-026-110		KEY,ENTER				
28	8A-NF9-021-010		PLATE,MIC<HR>				
29	8A-NF9-201-010		GUIDE,OPE 1 WAY<HA>				
29	8A-NF9-203-010		GUIDE,OPE REV<HR>				
30	82-NF7-210-110		GUIDE,FL (*)				
31	8A-NF8-206-010		HLDR,PWB M				

COLOR NAME TABLE

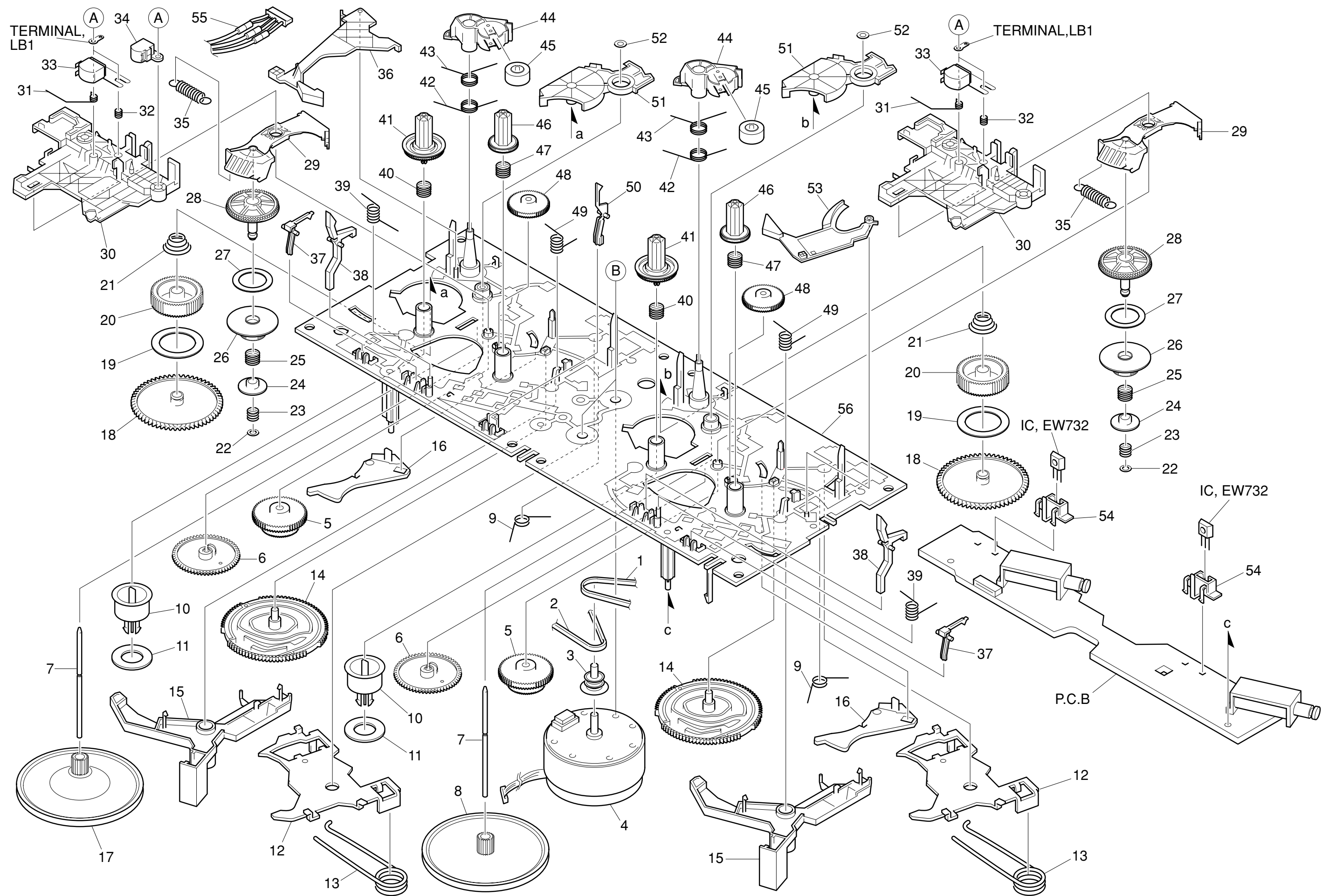
Basic color symbol	Color	Basic color symbol	Color	Basic color symbol	Color
B	Black	C	Cream	D	Orange
G	Green	H	Gray	L	Blue
LT	Transparent Blue	N	Gold	P	Pink
R	Red	S	Silver	ST	Titan Silver
T	Brown	V	Violet	W	White
WT	Transparent White	Y	Yellow	YT	Transparent Yellow
LM	Metallic Blue	LL	Light Blue	GT	Transparent Green
LD	Dark Blue	DT	Transparent Orange	GM	Metallic Green
YM	Metallic Yellow	DM	Metallic Orange		

TAPE MECHANISM EXPLODED VIEW 1 / 1 <6ZM-3 PR2NM>



TAPE MECHANISM PARTS LIST 1 / 1 <6ZM-3 PR2NM>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	86-ZM3-215-010		CHAS ASSY,RS	41	82-ZM1-216-310		GEAR,REEL
2	86-ZM3-202-010		BASE,HEAD S	42	86-ZM3-213-010		S-SCREW,HLD R, MOT 3
3	86-ZM3-205-010		SPR-C,RPH S	43	82-ZM1-225-210		GEAR,FR
4	82-ZM1-333-210		PLATE, LINK 2	44	82-ZM1-226-010		GEAR,REW
5	86-ZM3-206-010		SPR-C,EH S	45	82-ZM3-333-310		SLIP DISK ASSY 2
6	87-A90-403-010		HEAD,RPH MS15R	46	82-ZM1-338-010		BELT FR4
7	86-ZM3-201-010		CHAS,HEAD S(DECK L)	47	82-ZM1-349-010		FLY-WHL RW (DECK L)
7	82-ZM3-206-210		BELT,R	47	82-ZM3-338-010		FLY-WHL R3W (DECK R)
8	87-045-347-010		MOT,SHU2L 70(M1)	48	82-ZM1-259-210		SPR-T,PINCH R
9	82-ZM1-269-210		SPR-T,BRG	49	82-ZM1-341-110		LVR ASSY,PINCH L2
10	82-ZM1-219-110		SPR-T, LINK	50	82-ZM1-258-210		SPR-T,PINCH L
11	86-ZM3-209-010		S-SCREW,ASIMUTHS	51	82-ZM1-314-110		PLATE,HEAD
12	86-ZM3-207-010		S-SCREW,RPH	52	82-ZM1-208-310		HLD R,HEAD
13	87-A90-404-010		HEAD,EH LE15B	53	87-A90-366-010		HEAD,PH YK50P-BF414
14	86-ZM3-208-010		S-SCREW,EH	54	82-ZM1-207-810		GUIDE TAPE
15	86-ZM3-203-010		HLD R,MOTS	55	82-ZM1-213-010		SPR-T,HEAD
16	82-ZM1-245-210		HLD R,IC	56	82-ZM1-210-110		GEAR,HT
17	82-ZM1-218-010		SPR-E,HB	57	86-ZM4-206-010		S-SCREW AZIMUTH L
18	86-ZM3-214-010		BELT,SUB RR	58	82-ZM1-348-010		FLY-WHL,LW
19	82-ZM1-222-210		LVR,PLAY	59	82-ZM3-339-010		SHAFT,COUPLER N3
20	82-ZM1-217-410		REEL TABLE	60	82-ZM3-335-210		PULLEY,COUPLER M3
21	82-ZM1-244-510		SPR-C,BT	61	86-ZM1-206-010		BELT,MAIN L
22	82-ZM1-285-410		SPR-C,BT L	62	82-ZM1-266-110		LVR,DIR
23	82-ZM1-257-010		SPR-T,CAS	63	82-ZM1-214-010		SPR-T,DIR
24	82-ZM3-221-010		PULLEY,MOT 2M	A	87-251-071-410		U+2.6-4
25	82-ZM1-242-010		LVR,CAS	B	80-ZM6-243-010		SH,1.75-3.6-0.5 SLT
26	82-ZM1-243-010		LVR,STOP	C	82-ZM3-334-010		PW,2.16-6-0.4
27	82-ZM1-344-110		LVR ASSY,PINCH	D	80-ZM6-207-010		V+1.6-7
28	86-ZM3-204-010		SPR-T,PINCHDS	E	85-ZM3-202-010		S-SCREW TG
29	82-ZM1-240-110		LVR,REC (DECK 2)	F	82-ZM1-288-010		SH,1.63-3.2-0.5 SLT
30	86-ZM3-210-010		BELT,RS	G	87-B10-043-010		W-P,0.99-4-0.25 SLT
32	82-ZM3-305-110		GEAR,CAM M2	H	87-571-032-410		VIT+2-3
33	82-ZM1-227-310		LVR,TRIG				
34	82-ZM3-306-110		LVR,FR M2				
35	82-ZM1-265-110		SPR-E,TRIG				
36	87-761-073-410		VFT2+2.6-6 W/O SLOT				
37	82-ZM1-255-310		SPR-E,LVR DIR				
38	82-ZM1-322-010		SPR-T,FR60				
39	82-ZM1-220-210		GEAR,IDLER				
40	82-ZM3-616-010		RING MAGNET 4				



TAPE MECHANISM PARTS LIST 1 / 1<ZM-3 PR1NM>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8Z-ZM3-227-010		BELT,MAIN M3	31	8Z-ZM3-233-010		SPR-T,BRG M3
2	8Z-ZM3-235-010		BELT,MAIN L	32	84-ZM2-227-310		SPR-C,AZIMUTH
3	8Z-ZM1-235-010		PULLEY,MOT	33	87-A90-403-110		HEAD,RPH MS15R
4	87-045-347-010		MOT,SHU2L 70	34	87-A90-404-010		HEAD,EH LE15B
5	8Z-ZM1-232-010		GEAR,IDL FF/REW	35	8Z-ZM3-239-010		SPR-E,FR
6	8Z-ZM3-244-010		GEAR,CAM TD20	36	8Z-ZM3-211-010		LEVER,EJECT R
7	8Z-ZM3-242-010		SHAFT,CAP M3	37	8Z-ZM3-225-010		LEVER,STOP
8	8Z-ZM3-228-010		FLY-WHL,M3	38	8Z-ZM3-221-010		LEVER,CAS
9	8Z-ZM3-231-010		SPR-T,TRIG	39	8Z-ZM3-234-010		SPR-T,LVR CAS
10	8Z-ZM3-213-010		CLR,MG	40	8Z-ZM3-223-010		SPR-C,REEL R M3
11	82-ZM3-616-010		RING MAGNET 4	41	8Z-ZM1-225-110		GEAR,REEL R
12	8Z-ZM3-243-010		LEVER ASSY,HD UP	42	8Z-ZM3-240-010		SPR-T,T-UP M3
13	8Z-ZM3-238-010		SPR-T,HD UP	43	8Z-ZM3-237-010		SPR-T,PINCH M3
14	8Z-ZM3-219-010		GEAR,CAM M3	44	8Z-ZM3-215-010		LEVER,PINCH M3
15	8Z-ZM3-206-010		LEVER,TRIG	45	8Z-ZM1-261-110		ROLLER ASSY,PINCH
16	8Z-ZM3-209-010		LEVER,CAM FR	46	8Z-ZM1-226-010		GEAR,REEL L
17	8Z-ZM2-211-010		FLY-WHL,ZZM-2	47	8Z-ZM3-222-010		SPR-C,REEL L M3
18	8Z-ZM1-228-010		GEAR,SLIP T-UP B	48	8Z-ZM3-251-010		GEAR,IDL REW M3
19	8Z-ZM1-265-010		FELT,T-UP	49	8Z-ZM3-236-010		SPR-T,PLAY M3
20	8Z-ZM1-227-010		GEAR,SLIP T-UP A	50	82-ZM1-240-110		LVR,REC(*)
21	8Z-ZM1-251-110		SPR-C,T-UP SLIP	51	8Z-ZM3-216-010		LEVER,T-UP M3
22	8Z-ZM1-275-010		W-L,1,47-4-0.25	52	87-B10-301-010		W-L,1.63-3.2-05 SLIT
23	8Z-ZM1-257-010		SPR-C,F/R	53	8Z-ZM3-212-010		LEVER,EJECT L
24	8Z-ZM1-236-010		CLR,SLIP FF/REW	54	8Z-ZM3-214-010		HLDR,IC
25	8Z-ZM3-226-010		SPR-C,FR M3	55	86-ZM3-605-110		CONN ASSY,8P -RPB
26	8Z-ZM3-250-010		GEAR,SLIP F/R A M3	56	8Z-ZM3-203-010		CHAS ASSY,M3
27	8Z-ZM1-269-010		FELT,FF/REW 2	A	84-ZM2-242-010		S-SCREW,AZ1-2-6.4
28	8Z-ZM1-238-110		GEAR,SLIP FF/REW B 2	B	8Z-ZM2-220-110		V+2.6 ZZM-2
29	8Z-ZM3-220-010		LEVER,FR M3				
30	8Z-ZM3-205-010		LEVER,PLAY M3				

SPEAKER PARTS LIST

SX-NSZ52 (Y1SL, YJSC, YJSL, YLSL, YJ3SL)

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-NSJ-001-010		PANEL,FR R<EXCEPT YJSC>
1	8A-NSJ-026-010		PANEL,FR R F<YJSC>
2	8A-NSJ-002-010		PANEL,FR L<EXCEPT YJSC>
2	8A-NSJ-027-010		PANEL,FR L F<YJSC>
3	8A-NSJ-003-010		GRILLE,FRAME ASSY<EXCEPT YJSC>
3	8A-NSJ-028-010		GRILLE,FRAME ASSY F<YJSC>
4	8A-NSJ-008-010		PROTECTOR,TWA<EXCEPT YJSC>
4	8A-NSJ-032-010		PROTECTOR,TW F<YJSC>
5	8A-NSJ-602-010		SPKR,W 130<EXCEPT YJSC>
5	8A-NSJ-604-010		SPKR,W 140<YJSC>
6	88-NS5-605-010		SPKR,T 60<EXCEPT YJ3SL,YJSC>
6	8A-NSK-604-010		SPKR,TW 60<YJ3SL>
6	8A-NSJ-606-010		SPKR,T 60<YJSC>
7	88-MS1-608-010		SPKR,CERAMIC
8	87-NS7-611-010		CORD,SPKR

ACCESSORIES / PACKAGE LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-NFX-901-010		IB,H(ECA)M -30<HR>
1	8A-NF9-902-010		IB,LH(ECP)M<HA>

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